



Market Bulletin

Bob Odom, Commissioner



Happy Halloween!

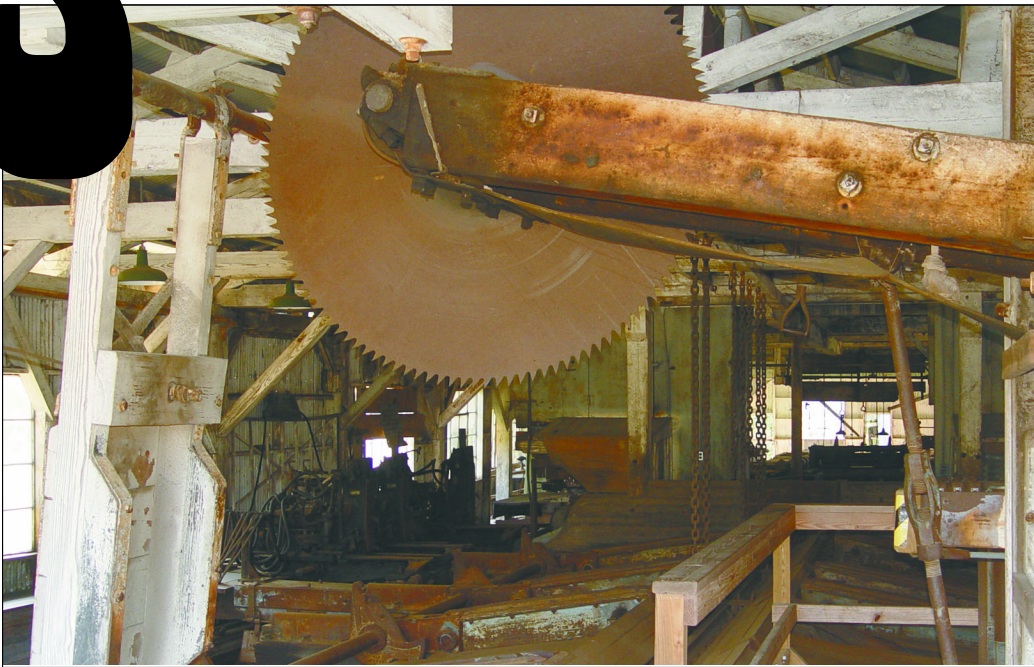
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Small lumber towns once dotted the piney hills of Louisiana. Today, most have disappeared, remaining only in the memories of those who worked and lived there. The Southern Forest Heritage Museum is working to preserve the artifacts and history of a bygone era.

SAWING



This six-foot saw made the initial cut on rough logs at Long Leaf sawmill (above). The 1948 mill commissary was converted into the Southern Forest Heritage Museum (top right). Site Director Henry Taves describes the planer mill (left). Taves said the restoration of the 1910 sawmill (below) is a 30-year project.



LOGS

As time goes by, it's only natural that modern generations lose touch with the old ways of doing things. Like it or not, the times that seem like "just yesterday" are quickly becoming the "good old days."

How many people remember when there were only three television broadcast companies? Or remember what it was like to rise up from the easy chair and walk to the TV set to change the channel?

How did we exist without cell phones, electric toothbrushes, the Internet, mp3 music files and fast food?

Go back a little further. How many folks can recollect what it was like to use steam engines? Or experience the sound, smell and danger of a steam powered lumber mill?

According to Henry Taves, site director of the Southern Forest Heritage Museum in Long Leaf, hardly anyone does any more.

Believe it or not, as late as the 1950s, many southern lumber mills were relying on steam engines to provide power to convert pine trees into two-by-fours, planking, molding and flooring.

During the first half of the 20th century, steam powered freight trains chugged constantly across the South enabling industry to tap the wealth of the vast pine tree forests.

Louisiana lumber towns like Long Leaf, Meridian and Bogalusa sprang up practically overnight and became tiny, self-contained cities, providing everything for their labor force with one goal in mind: supplying quality lumber for America's growing economy.

Bogalusa grew into a real town, but Meridian, which was located just north of Turkey Creek in Evangeline Parish, no longer exists. Today, the town of Long Leaf is little more than a post office along the Missouri Pacific rail line, but at one time it was host to more than 1,000 people who made their living from the longleaf pine forest.

No one lives in the heart of Long Leaf, but the spirit
See Sawing logs, page 2

SAWING LOGS,

continued from page 1

of the lumber town lives on at the Southern Forest Heritage Museum. During a visit there, a sightseer can step back through the pages of history and practically hear the grunt and toil of the hundreds of sawyers, engineers, machinists, blacksmiths and laborers who produced more than 75,000 board feet of lumber daily by 1910.

The museum, consisting of 34 buildings on 57 acres, rests on a rolling hillside just south of Forest Hill in Rapides Parish on La. 497. It is a pristine example of the life and labor of a bygone day. The buildings, including a sawmill, planer mill, roundhouse, machine shop and commissary, and all of the boilers, steam engines, belt drives, locomotives and log loaders, even the piled-up paperwork of the over-worked machine shop foreman's office, were literally abandoned when Crowell Lumber Industries ceased lumber operations in 1969.

It is literally an antique lumber town frozen in time.

"We have a general store, where everybody came and did their trading," said Bob Madison, the executive director of the museum. "At one time there were 165 houses. The town had a café and a doctor on site and a two-story hotel."

Only three actual living quarters remain on the site, and the sawmill and planer mill are slowly being restored.

The site was overgrown with scrub trees, climbing vines and brush when Crowell Lumber Industries donated the historic location to the newly formed Southern Forest Heritage Museum and Research Center, a non-profit organization under the wing of the

Louisiana Forestry Association. The lumber mill had lain dormant for nearly 30 years.

"When we got the site it was all overgrown with vegetation and it took two years to get that taken care of where it could be open for tours," Madison said. "When Crowell left in 1969, they left all of the machinery here. They just literally left. Nothing was done from 1969 to 1994."

A general tour, which can take anywhere from an hour to two hours to complete, starts with a visit through the old commissary or general store. The store is actually the third commissary serving the lumber town. The vintage wooden building dates to 1948.

"The first one was too small and the second one burned down," Taves said. "We're lucky to still have the 1948 commissary."

The restored commissary houses a museum timeline exhibit and features a number of artifacts taken from the mill, including a six-foot saw blade and the mill's old telephone exchange. Inside the comfortable 40-person theatre, a 10-minute video gives the viewer a sense of how an old southern sawmill operated.

With actual footage of sawyers cutting planks, workmen chopping and moving logs into the mill pond, and other milling activities, Madison said the video depicts southern forestry in general.

"Somebody had the foresight to take some black and white film way back then, and when the video was put together we were able to define that and make it part of the tour," he said.

A modified railcar takes visitors



A 12-foot, belt-driven flywheel powered by a Corliss steam engine provided much of the sawmill's energy (clockwise from left). The Clyde skidder is the only remaining example of a skidder in the country. An oil-burning locomotive is one of three at the museum. Executive Director Bob Madison is dwarfed by the curved legs of a McGiffert log loader.



from the commissary to the roundhouse with a stop at the only vintage planer mill left in the South.

"This planer mill is our second most important building," said Taves. "It's a 1910 planer mill and you can't go anywhere else and find one."

The open-air wooden structure towers four stories into the sky and is supported with huge structural roof trusses to minimize the placement of support posts in the working area. A bank of windows at the upper part of the roof allowed ventilation and light.

"It is a marvelous structure,"

Taves said.

Behind the planer mill is a Corliss steam engine with a 12-foot flywheel. Four huge boilers nearby burned sawdust and other wood waste to power the belt drives that ran all of the machines in the planer mill. It is the largest of the 25 steam engines at the location.

The museum also has three locomotives they hope to restore. One is a steam driven machine, the other two are oil burners.

Taves said the expansion of the railroad into southern forests provided the technology for large scale lumber production. Other steam-

driven machines were developed to assist the logging industry including the Clyde 4-line rehaul skidder and the McGiffert loader.

Taves said the Clyde skidder is the only skidder known to exist in the country. The rusted machinery, laden with cogs and gears, sits on rails that once led into the longleaf forest. It was equipped with its own wood-burning steam engine and traveled by rail to logging work-sites after the trees were cut and trimmed. Thick wire ropes were pulled from drums on the skidder and attached to the felled logs with **See Sawing logs, page 8**

Sawmill inspires musicians

I can't work no more at the sawmill.

*Mercy on a poor boy, mercy on a poor boy
Never have a dollar bill.*

"Sawmill" - Mel Tillis/Horace Whatley

Countless country songs have been written about the poor man struggling to make his way through the world.

Songs like Horace Whatley's "Sawmill," Randy Newman's "Mr. President (Have Pity on the Working Man)" and Tennessee Ernie Ford's "Sixteen Tons" epitomize the struggle of the working class hero.

Whatley was a Long Leaf employee who never had a dollar bill until he wrote Mel Tillis' hit country song called "Sawmill."

Realizing that chopping trees with axes and the two-man saw doesn't take a keen mind, just back-breaking strength, Whatley began writing songs and played in various local bands along with his brother, Harold.

Harold was an accomplished steel guitar player and taught legendary steel guitarist

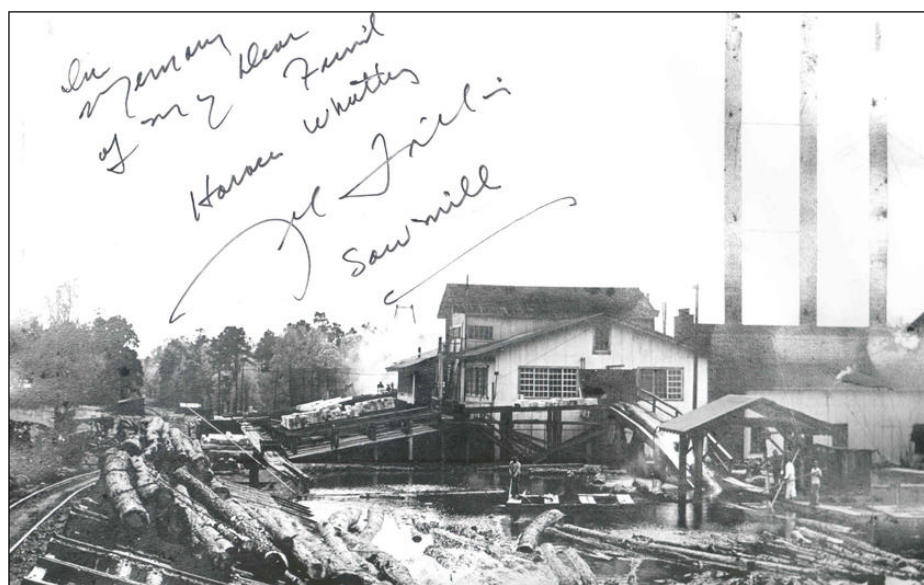
Jimmy Day some of his first licks. Day, who played with Ray Price, Webb Pierce, Patsy Cline, Hank Williams, Willie Nelson and many, many more, was also connected with Long Leaf. His father was the commissary store manager for the sawmill town.

Southern Forest Heritage Museum Site Director Henry Taves said the entire Whatley family was musical.

"One of the next generation Whatley family members visited the sawmill a few years ago," Taves said. "She said the whole Whatley clan was musically inclined."

Taves said there were tears in her eyes when she toured the mill.

Apparently, Whatley eventually left the sawmill and found a better life playing music on the road. Somehow he teamed up with Mel Tillis, who was a young country songwriter in the 1950s, and co-wrote "Sawmill."



A photo of the Long Leaf sawmill in 1910 was autographed by "Sawmill" co-writer Mel Tillis when he was visiting the area.

"Mel Tillis was performing at the casino in Avoyelles and I tried to get him to come and visit 'his' sawmill," Taves said. "He

was very familiar with Long Leaf."

Tillis recorded "Sawmill" three times, but **See Mel Tillis, page 10**

Agriculture & Forestry Today with Commissioner Bob Odom

The October 1 crop report has been released by the Louisiana Agricultural Statistics Services and all major crop yields, except corn, are projected to be down in 2004, Commissioner of Agriculture and Forestry Bob Odom said.

"This year we've seen mixed results across the state," Odom said. "In some areas we got too much rain, in other areas we didn't get enough. It also fluctuated with the season. Some people had a lot of rain early on and then dry conditions later.

"All in all, even though yields are down, we've had much worse years than this in the past."

Corn, the only crop seeing an increase in yield, is expected to have a decrease in production this year - falling from 67 million bushels in 2003 to 54.7 million bushels in 2004. The drop in production is caused by a reduction in acres from 500,000 harvested last year to 405,000 acres harvested this year. Yield is expected to increase by one bushel per acre, going from 134 bushels to 135 bushels per acre.

Harvested acreage of cotton decreased by about 20,000 acres from last year causing a 24 percent drop in production. Cotton producers harvested slightly more than 1 mil-

lion bales last year and are projected to see production at 780,000 bales in 2004. Expected yield is 764 pounds per acre, down 21 percent from last year's record yield of 967 pounds per acre.

Rice production is expected to increase 6 percent from last year to 28.1 million hundredweight due to an increase in harvested acreage. Yield is projected at 5,300 pounds per acre, down from last year's record 5,870 pounds per acre.

Sorghum production estimates show a decrease of nearly 60 percent - falling from 14 million bushels last year to 5.6 million bushels this year.

That follows a 51 percent decrease in harvested acreage. Yield for sorghum is estimated at 70 bushels per acre, down 15 bushels from last year.

Soybean production is expected to increase 32 percent from last year, going from 25.1 million bushels last year to 33.2 million bushels this year because of an increase in harvested acreage. Soybean yield is expected to decrease 3 bushels per acre from 34 in 2003 to 31 in 2004.

Sugarcane production is estimated to decrease 11 percent from last year following a drop in harvested acreage. Yield is also expected to decrease from 26.2 net tons per acre

in 2003 to 24 net tons per acre in 2004.

All hay production is estimated at 936,000 tons, a decrease of about 15 percent from last year. Acres for harvest are projected to decrease about 20,000 acres from 2003. Yield will decrease slightly, going from 2.9 tons per acres in 2003 to 2.6 tons per acre in 2004.

Louisiana pecans were hit hard by extreme wet and dry weather conditions this year causing a 60 percent decrease in production. Last year, producers harvested about 20 million pounds compared to the estimated 8 million pounds expected this year.

CATTLE

No grade sires listed in the interest of better livestock. All dairy cattle 20 mos. of age, beef cattle 24 mos. of age, or pastured or post parturient animals of any age offered for sale, except for immediate slaughter, must have valid 30-day negative brucellosis test certificate. Contact La. Dept. of Agriculture and Forestry, P.O. Box 1951, Baton Rouge, La. 70821-1951.

REMINDER: Have all of your heifer calves between four and 12 months of age vaccinated against brucellosis. For information contact your local veterinarian, LDAF animal health personnel, your parish Cattlemen's Association or parish Farm Bureau.

Reg. blk. Angus bulls, 16 mos.-2 yrs., sired by son of N Bar Emulation EXT, LBW, fast growth, \$1500-\$2500. Bill Alford, Robert; (985) 983-1651.

Char. bulls, King Grazer bloodline, grass conversion record setter, multi-trait leader, LBW, 10 mos.-2 yrs., polled & very gentle, \$1000-\$1800. G. Perron, Opelousas; (337) 942-5272.

Reg. polled Char. bull, 3 yrs., 3 mos., Sky Ease bloodline, ready for heavy service, \$1650. Ed Dugas, Carencro; ead9743@louisiana.edu or (337) 896-4335.

Pb F-1 tiger stripe yrlg. heifers, vacc., all shots up to date, \$900; ¾ Hereford, ¼ Brahman, born 3/12/04, \$600; (3) pb F-1, born 4/04, \$600/1. Jason Guidry, Abbeville; (337) 898-2119.

¾ **Hereford**, ¼ Brahman, born 4/7/02, w/heifer born 9/25/04, \$1400; (2) reg. Hereford bulls, born ¾, \$600/1; (2) Hereford bulls, 15 mos. & older, vac., all shots up to date, \$700/1-up. J. Guidry, Abbeville; (337) 898-2119.

Crossbred, bred heifers, \$1050; prs., \$1275; breeding age bulls, \$1200/1-up. R. LaBorde, Hessmer; (318) 563-4566.

Reg. Char. bulls, \$1500/1-up. Ridley Chauvin, Raceland; (985) 537-6954 or (985) 804-2594.

Reg. Char., 34 yrs. of Char. breeding, Duke, Tundra, Wallstreet & Sky Mon. Ease, cert. herd, bulls 7-26 mos., breeding age bulls, semen tested, dewormed, \$850/1-up. Ivy Guillot, Sr., Marksville; (318) 253-8300.

(6) F-1 Brangus bulls, 20-26 mos., \$1400 nego. David Habetz, Ragley; (337) 725-3534 or (337) 794-6127.

(28) Bred F-1 heifers, 18-20 mos., 850-950 lbs., bred to LBW Gardner Angus bulls, \$1400/1. Ryan Engquist, Ethel; (225) 931-0989.

2 Yr. bulls, grass raised, won't melt, (3) Char., (1) Brangus, (4) Angus, excel. EPD's, \$1200-\$1500/1. J. W. Willis, Elm Grove; (318) 747-0079.

(7) Brangus heifers, bred, coming 2 yrs., all shots, bred to LBW Angus bull, \$800/1; Angus bull, 2 yrs., all shots, semen tested, \$1200. Darrel Duplechin, Eunice; (337) 432-5347.

Reg. Angus bulls, 2 yrs., Full Back bloodline, from Manning, Iowa, halter broken, \$2000/1. Tommy Leger, Scott; (337) 873-8859.

Reg. polled Hereford bull, 15 mos., all shots & wormed, \$800. Bill Elliott, St. Martinville; (337) 229-6008.

Reg. Limousin bulls, reds, (6) blk., polled, from A-1 sires, great EPD's, heavy muscle, docile, herd bull prospects, yrlgs. & older, \$1250/1-up. Terry Fox, New Iberia; (337) 364-4241.

½ **Corriente**, ½ Longhorns, ready to rope, (5) steers, (2) heifers, \$355, firm. M. Hayes, Alexandria; (318) 442-1129.

Reg. Brangus bull, 11 mos., sire & dam on premises, good bloodline, gentle, \$1050; reg. Char. bull, 11 mos., good bloodline, gentle, \$1050. Dewey Cormier, Opelousas; (337) 948-4939.

3/8 x 5/8 Braford show heifer, 17 mos., exposed 90 days, \$1200. Larry Duhon, Kaplan; (337) 652-6200.

Reg. red Limousin bull, born 1/03, AI sire Can Ridge blockade, extremely gentle, great herd bull prospect, \$1500. Brent Deshautelle, Marksville; (318) 253-6495.

Reg. Braunvieh bulls, LSU tested, 18-24 mos., Golden Link bloodlines, \$1500/1-up. Richard Lamotte, Welsh; (337) 734-3676.

Reg. 11 mo. Limousin bull, a positive imprint in your program, excel. background & EPD's, \$900/1. Dextel Terrebonne, Gibson; (985) 209-0026.

Polled reg. Char. weaning age bulls, \$700/1; bred cows, \$1250/1, excel. cond., temperament & EPD's. Joel Pigott, Pearl River;

(985) 290-9722.

Reg. BBU Beefmaster bulls, top bloodlines, some just weaned, others ready for service, \$850/1-up. Gaston Gerald, Greenwell Springs; (225) 654-8816.

Reg. Brangus, cows/calf prs., exposed to bull, \$1800/pr.; reg. Brangus bulls, excel. bloodline, \$1500. Francis Young, Mamou; (337) 468-3783.

Reg. blk. Angus bull, 13 mos., sire on site, \$1000. Lawrence Andrus, Independence; (985) 878-6624.

Holstein nurse cows, \$1000/1; Holstein bull calves, \$150/1. Brent Duncan, Franklinton; (985) 839-9493.

(23) Reg. Brahman cows, 10 yrs., \$1200/1. Shari Hebert, Kaplan; (337) 643-2488.

(2) Reg. Texas Longhorn cows, (1) daughter of Classic, (1) daughter of Dixie Joker, both are bred to Trophy, a great son of Tabasco, the Classic cow, has outstanding horn, \$2500/both. Ed Durr, Jr., Amite; (985) 748-5556.

Reg. Brangus bull, 21 mos., out of ER Lineman & ER Gunner, \$2500. Al Lanie, Youngsville; (337) 856-6504.

8 Mo. son of T.C. Stockman 365, \$950; 8 mo. son of R & R Architect, \$900; 22 mo. grandson of B/R New Design 036, \$2000. Hugh Junca, Franklin; (337) 923-7223.

BBU Beefmaster bull, born 3/04/04, \$500. Betty d'Augereau, Kaplan; (337) 643-1724.

Reg. polled pb Char. heifers, 7-9 mos., \$700/1-up; 13-15 mo. bulls, excel. EPD's, \$1100/1-up. Louis Quave, Bush; (985) 886-5557 or Peter Feringa, Covington; (985) 871-0317.

Reg. 5/8 x 3/8 Braford bulls & heifers, champ. bloodlines, gain test leaders, weaned heifers, \$700/1-up; bred heifers, \$1100/1-up; 2 yr. bulls, \$1500/1-up. Fred Elsing, Alexandria; (318) 442-0741 or (318) 447-1145.

3 Yr. reg. Simm. bull, blk. w/blaze face, polled, \$1400. Justin Thompson, Franklinton; (985) 795-2131 or (985) 515-2473.

Reg. Red Angus bull, 2 yrs., 100% AI, LBW, Logan bloodline, 7 miles east of Rosepine, \$1000. Joe Bailey, Leesville; (337) 463-8080.

Reg. Brahman show calves, bulls & heifers, halter broke, stick ready to show, just in time for fall

season, \$1250/1-up. Brady Kratzer, Roanoke; (337) 753-2652 or (337) 277-7490.

(20) Reg. Brangus bulls, 12-14 mos., \$1800/1; (40) reg. Brangus weanling bulls, \$1250/1; (85) Brangus heifers, weans., \$725/1, del. avail. Ronnie Link, Evergreen; (318) 939-2409.

(46) Brangus, bred to Angus bull, already calving, \$46,000/all; (9) reg. Angus heifers bred avail., \$1200/1. Terry Bonnette, Franklinton; (985) 795-2338.

(3) Reg. blk. Brangus bull calves, (1) 6 mos., (2) 8 mos., excel. bloodlines, gentle disp., all shots & wormed, papers in buyer's name, \$750/1. Charles Morvant, Broussard; (337) 856-5352.

(80) Braford heifers, exposed to LBW Braford bulls, brucellosis vacc., wormed, all shots & gentle, \$850/1. John Boudreaux, Abbeville; (337) 893-6743.

True F-1 Brangus bull, 2 yrs., \$850. Elvin Soileau, Ville Platte; (337) 363-4094.

(10) F-1 Braford heifers, coming 2 yrs., heavy-bred, very gentle, some cert., \$12,500; reg. 3/8 x 5/8 Braford heifers, exposed, \$1000. Larry Duhon, Kaplan; (337) 652-6200.

Reg. Red Angus bulls, 16 mos., AI from King Rob, \$1400. Jim Ortego, Carencro; (337) 278-1183.

Reg. Angus bred cows & heifers, pregnancy checked, \$1000/1-up. L.D. Lacour, Jr., Robert; (985) 345-0441.

Polled Simm. bulls, reds or blk., good EPD's for heifers, very gentle, all shots, wormed, 9-23 mos., \$650/1-up. Harold Landreneau, Eunice; (337) 457-0505.

Crossbred cows, 4-7 mos. bred, gentle, \$650/1-up. D. R. Brown, Prairieville; (225) 673-6308.

Large selection of Gelbvieh bulls, all ages, \$900/1-up. Homer Knost, Clinton; (225) 683-8044.

HORSES, MULES & JACKS

All horses, mules, and jacks must be from bona fide livestock farmers. We cannot accept notices from horse dealers, order buyers or persons selling on commission basis.

Every time you submit an advertisement one of the following must be provided. 1. All listings of horses, mules or jacks must be accompanied by a COPY of the original official negative Coggins test for Equine Infectious Anemia (E.I.A.) that was performed within the past 6 months prior to sale on all horses, mules, and jacks, except nursing foals. (OR) 2. A signed statement from the seller stating that he will furnish the buyer with a negative Coggins at the time of sale.

Young donkey, Jenny out of miniature paint Jack, \$350. Mattie Shilling, Denham Springs; (225) 664-4229.

Unreg. POA red roan pony, mare, very gentle, has been used for handicap kids & parties, 13 yrs., \$575. V. Ernst, Ponchatoula; (985) 386-8637.

(2) AQHA colts, 19 mos., Dual Pep & Doc Bar bloodline, ready to start training, \$3000/1. Jim Coltrin, Sulphur; (337) 532-2222.

Louisiana Market Bulletin (USPS 672-600)

Bob Odom, Commissioner

As a public service to state residents, the Louisiana Market Bulletin offers free listings subject to existing regulations. Out-of-state residents may list Want Ads only. Ads may not exceed 25 words. The name, address and telephone number as well as the price of the item must be included with each ad. Subscription fee for the Market Bulletin is \$10.00 for a two-year subscription.

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4 Yr. TW, 16 hands, blue roan geld., good trail horse, no bad habits, easy to catch, \$2500. Barbara Grannan, Covington; (985) 893-1880.

APHC mares, (1) 4 yr. dark brown, green broke mare, Alias King, Ima Cool Skip bred, (1) FDP designation, 2 ½ yr. bay roan mare, Alias King & Plaudit bred, \$900/1, no checks. Randy Causey, Walker; (225) 235-5121.

1997 AQHA blk. stallion, Ima Cool Skip & Boston Mac bred, 16 hands, 1100 lbs., broke to ride, great disp., easy breeder, \$5000 no checks. J. Causey, Walker; (225) 235-5121.

4 Yr. blk. filly, green broke, all shots, \$600; Paso Fino mare, 4 yrs., sorrel, extremely gentle, \$1000. Patricia Thornhill, Dry Prong; (318) 899-1438.

Reg., TW yrlg., chestnut filly, \$1000; reg. TW mare, blk. w/2-wh. hind socks, green broke, very gentle, \$850 firm, 2 ½ yr. SSH pal./wh. filly, \$1400, all halter & green broke only. Brad Vidrine, Ville Platte; (337) 363-4290.

AMHA miniature mares & '04 foals, colorful & affectionate, mares exposed to 30 ½" blk./wh. pinto, weans., \$750/1-up; mares, \$950/1-up. Armand Scurria, Chalmette; (504) 650-9197.

AQHA '03 sorrel filly, daughter of Brooke Peponita, NCHA LTE \$22,000, out of a foundation bred mare, ties, leads, loads, walking wheel, ground drives, nice conform, \$1500. John Robicheaux, New Iberia; (337) 365-3177.

Lineback dun filly, 4 stockings, 7 mos., halter broke, handled daily, must see, \$500; APHC filly, bay w/wh. frosted rump, 7 mos., halter broke, handled daily, Doc Quixote, Plaudit's Hallmark, Joker's Patchy Eagle, Sure Impressive, \$1750; buckskin geld., 4 yrs., 13.1 hands, ridden on trail rides, no bad habits, \$500. J. Cormier, Morrow; (318) 939-2287.

APHC stallion, 18 mos., bay w/large spotted blanket, sire 100% color producer, foundation bred, conform. & color, handled daily, very gentle, great stud prospect, Rebel Indian, The Main Event, Joker's Patchy Eagle, Sure Impressive, \$2500. J. Cormier, Morrow; (318) 939-2287.

AQHA 22 yr. cutting broodmare, Doc's Misty Badger, reg. name, gentle, easy to handle, \$1000. Randy Rogeau, Lake Charles; (337) 582-4049.

Paso Fino horses, reg. mare, 13 yrs., \$1500; fillies, \$1100 & \$1250; geld., \$1000. Allen Dugas, Tickfaw; (985) 542-0252.

2004 AQHA weans., Peptoboonsmal, Right This Minnick, Mr. San Peppy, Docs Hickory, Jose Uno, Dash for Case, \$1500/1-up, bred mares also. J. Reed, Westlake; (337) 912-1742.

3 Yr. paint Welsh mare, very gentle for kids, \$550; 6 mo. pal. & wh. paint filly, \$550. Blake Veillon, Ville Platte; (337) 363-4355 or (337) 831-3247.

7 Yr. reg. paint mare, blk. & wh., 15.2 hands, gentle, for anyone to ride, \$1200. Phyllis Veillon, Ville Platte; (337) 363-4355 or (337)

831-3247.

5 Mo. gaited filly, blk., very gentle & halter broke, \$400. James Veillon, Ville Platte; (337) 363-4355 or (337) 831-3247.

6 Mo. American saddle horse, filly red, w/blaze face, not reg., \$800. Blake Armand, Cottonport; (318) 922-3919 or (318) 876-2782.

(2) 11 yr. reg. Haflinger geld., sorrel matched, sound, solid, well broke team, w/good nylon harnesses, \$4000. Don Segura, New Iberia; (337) 365-2658.

Reg. QH filly, extra nice, performance bred, no impressive blood, but could halter, flashy & very gentle, straight w/excel. hip & head, \$1250. Paula Durr, Amite; (985) 748-5556.

Reg. QH mare, 9 yrs., daughter of Wine Seller, bred to Two Straw Robin, red & wh. overo stallion for Feb. foal, mare is gentle & broke to ride, \$1500. Ed. Durr, Jr., Amite; (985) 748-5556.

Reg. App. yrlg. & wean. colts, great color & build, \$1250. Clay Champagne, New Iberia; (337) 364-1398.

02/03 Brown & wh. tobiano colt, Chevy, IROC & Silky Beau Tie on papers, gentle, halter broke, loads easy, \$1500. Duane Wilson, Slaughter; (225) 683-3044 or (225) 978-5699.

1995 AQHA mare, bay, super beginner or kid's barrel, trail or broodmare, Streakin Six, Raise Your Glass, \$2000. Michael Fontenot, Opelousas; (337) 942-2771.

AQHA reg. 1 yr. stud, sire has Doc's Prescription, Handle Bar Doc, O'Lena on papers, dam is dbl. bred Jessie James on papers, \$2000. Susan Duet, Galliano; (985) 475-7124.

AQHA reg. 3 yr. geld., 30 days of riding by trainer, Little Solitario on papers, top side & dam dbl. bred Jessie James, \$2000. Joey Duet, Galliano; (985) 475-7124.

AQHA reg. 1 yr. geld., Peace & War, Son Of A Dock, Doc Bar, top side on papers, dam Dry Shorty Cat, Dry Head & Dry Doc on papers, \$3000. David Duet, Galliano; (985) 475-7124

1994 AQHA sorrel geld., easy to handle, very good trail riding horse, 16 hands, approx. 1100 lbs., \$1200. M. Perrin, Ponchatoula; (985) 969-0518 or (985) 845-2402.

17 Yr. AQHA geld., barrel & pole, exp. rider, \$4500. Wayne Hunter, Logansport; (318) 697-5971.

10 Yr. AQHA geld., barrel & pole, exp. rider, \$4000. W. Hunter, Logansport; (318) 697-5971.

AQHA/PHBA '03 pal. colt, son of world champ. Adonni, \$2800. David Grass, Folsom; (985) 796-3522.

AQHA '04 weans., bloodlines, Peptoboonsmal, Right This Minnick, Mr. San Peppy, Doc's Hickory, Jose Uno, Dash for Cash, bred mares also, \$1500/1-up. J. Reed, Westlake; (337) 912-1742.

4 Yr. gaited geld., \$1200. Robert Whiddon, Walker; (225) 664-3778 or (225) 667-0777.

APHA reg. paint mare, 7 yrs., \$1500. Ferall Venable, Scott; (337)

235-7316.

1985 AQHA Appendix sorrel mare, excel. cond., very gentle, \$1000 obo. Janie Parker, Colfax; (318) 627-3759.

Reg. TW, 19 mos., sorrel stud, flax mane, (3) wh. socks, sire 16 hand pal., good bloodlines, moves great, \$1300, many others avail. L. D. Spears, Dry Creek; (337) 328-7365.

Reg. pb Arabians at stud, Egyptian/Spanish bloodlines, show quality, blk., 15.2 plus hands, excel. temperament, foals to show & for sale, \$500/1-up. Donavan Stoute, Opelousas; (337) 585-2642.

3 Yr. TB geld., in training for races, good disp., very gentle, \$1500. Jerry Domingue, Scott; (337) 233-3388 or (337) 230-4829.

2002 AQHA steel gray filly, 15 hands, 1050 lbs., Colonel Freckles bred, extremely gentle, rides quiet on cattle, ropes small calves, \$3500. John O'Neal, Lake Charles; (337) 433-1856.

15 Yr. unreg. QH mare, 14.1 hands, super show horse for young rider, suitable for a 4 yr. old, does barrels, pleasure & trail rides, multiple saddle winner, \$4000. Rebecca McLindon, Bush; (985) 892-2686.

9 Yr. APHA mare, blk. & wh., quality mare, gentle, \$1800; 6 yr. APHA geld. sorrel, big, pretty, gentle, broke, \$2000. Dickie Torbert, Thibodaux; (337) 519-4701.

Performance & foundation bred reg. QH, most ages & colors avail., bloodlines include Shining Spark, Puddenhead, Poco Bueno, Peppy San & more, \$750/1-up. J. Marc Browning, Ethel; (225) 683-3627.

(3) Horses, (1) buckskin mare, broke to ride, (1) 2 ½ yr. buckskin stud & 1 ½ yr. paint stud, both green, \$500/1. Gerald Fontenot, Eunice; (337) 457-9635.

AQHA 3 yr. geld., Skips Savvy Sport, RB Skips, Mr. Array, Coits Guitar Lady, Hickory Flit Flite, Doc's Hickory, good halter horse or riding, \$1250. Dwayne Belaire, Carencro; (337) 896-9117.

2002 AQHA mare chestnut, Toris Blazing Star, out of Lynx Badger Star, Peppy San Badger, Mr. San Peppy, Hickory Flit Flite, Doc's Hickory, Staw Savvy, \$2000. D. Belaire, Carencro; (337) 896-9117.

Reg. TW beautiful 18 yr. chestnut geld., good foundation bloodlines, excel. beginner or trail horse for any age, excel. health, good home only, \$1350. Todd Broussard, St. Francisville; (225) 635-5900.

Reg. TB beautiful, 4 yr. chestnut mare, gentle, good temperament, excel. trail horse, also good bloodline for broodmare, excel. health, good home only, \$1150. Todd Broussard, St. Francisville; (225) 635-5900.

AMHR miniature horse foals, (1) stud colt, paint w/blue eyes, (1) pal. filly, \$600/1. Cynthia Britton, Zachary; <http://dachshundfarm.com>, cynthiabritton@yahoo.com or (225) 658-9293 or (225) 939-5391.

QH geld., 10 yrs., sorrel, gentle, easy going, Doc's Fifth Edition & Mischievous Gold, \$1000. Donnie

Peters, Ethel; (225) 629-5356.

(4) Gelds., 5-9 yrs., pal. paint, bay & sorrel, broke & sound, \$2500/1; 2 yr. blk. & wh. paint filly, flashy, 60 days riding, \$4000. Jimmy Wade, Jonesville; (318) 339-6700 or (318) 339-8118.

17 Mo. Sicilian Jack, good disp., \$125. I. S. Garris, Ruston; (318) 251-0433.

2004 AQHA cow bred colts, all colts well built & correct stud or performance prospects, good quality pedigrees, all halter broke & gentle, (1) buckskin, \$1500; chestnut, \$800; sorrel, \$800. Debra Gentile, Port Allen; (225) 627-9562 or (225) 234-2322.

2002 AQHA big stout filly, excel. conform., 30 days riding, well & quiet, Zan Parr Bar, Par Three, Two Eyed Jack, King Chexanito all on papers, \$2500 obo. D. Gentile, Port Allen; (225) 627-9562 or (225) 234-2322.

Miniature Jack, 3 yrs., 32" tall, \$400. Shawn Racca, Iowa; (337) 588-4614 or (337) 263-5345.

Wanted: barrel horse, pole horse, for very experienced child, prefer dbl. reg. pal. geld., must be proven winner, no bad habits & sound. Rebecca McLindon, Bush; (985) 892-2686.

STALLION SERVICE

1998 Golden pal., 14.2 hands, wide muscular build, pro trained for cutting, Dry Doc, Doc Bar, Poco Lena, Poco Bueno, Leo Wimpy, \$300/\$3 mare care. Dean Gentile, Port Allen; (225) 627-9562 or (225) 234-2322.

2001 Bay stallion, 14.2 hands, well built, pro trained 1 yr. for cutting, Tanquery Gin, Doc O'Lena, Royal King, Doc Bar, Doc's Sug bloodlines, \$350/\$3 mare care. D. Gentile, Port Allen; (225) 627-9562 or (225) 234-2322.

Straight Egyptians at stud, Norus son, IBN Moniet, Farazdac Tuhomos, Imperial Imdal grandson, \$500 introductory offer, limited breeding. Jeff Dupre, Washington; (337) 585-2642.

Shining Sneakers x Shining Spark, AQHA superior reining, AQHA circuit championships, NRHA money earner, \$600/\$6 pasture mare care, \$8 stall mare care. Cheryl Borer, Walker; www.borerquarterhorses.com, borerquarterhorses@aol.com or (225) 667-7415.

SHEEP & GOATS

NDGA miniature dwarf goats, most have blue eyes, \$100/1-up. Cynthia Britton, Zachary; <http://dachshundfarm.com>, cynthiabritton@yahoo.com or (225) 658-9293.

Percentage Boer goats & fb, red & blk. heads, '04 babies, \$75-\$100/1. Raphael Johnson, Basile; (337) 432-5073.

Boer Billy, 3 1/2 yrs., no papers, \$250. Stanley Messer, St. Landry; (318) 838-2273.

Fb proven herd sire, 2 1/2 yrs., color correct, superior genetics, excel. conform., 350-375 lbs., \$450. Anthony Mumfrehy, Eunice; (337) 550-0826.

(3) Young, fat, healthy billies, \$40/1. Grover O'Banion, Ponchatoula; (504) 812-0019.

Katahdin ram, approx. 2 yrs., \$90; (2) Katahdin ewes, (1) red, \$50; (1) wh., \$45. Kenneth Fontenot, Roanoke; (337) 247-2240.

Boer goat males, breeding age, \$75/1, bred nannies, \$100/1-up, also weaned kids. R. LaBorde, Hessmer; (318) 563-4566.

Pygmy goats, herd reduction sale, does, \$75/1-up; (1) buck, \$50; (1) wether, \$35. Vincent Losavio, Torbert; (225) 625-4439.

Pb AGS reg. Nigerian dwarf goats, males & females, good bloodlines, \$150-\$300/1. Cindy Joubert, Clinton; (225) 683-1080.

Boer goats, mostly females, (3) males, some bred, w/100% billy, w/papers, \$100-\$200/1. Barbara Romero, Scott; (337) 234-3464.

Fb IBGA reg. Boer buck, born 5/6/04, disbudded, breeding or ready to show for 4-H, \$200. R. Richard, Carencro; (337) 896-6264.

LIVESTOCK DOGS

Only trained farm stockdogs or offspring from trained stockdogs are eligible to be advertised. Include dog's breeding and special training or ability that qualifies it as a stockdog. A signed statement must accompany each notice indicating these facts before the ad can be published.

(3) Female beagles, reg., w/papers, 11 mos., running, \$150/1. Billy Allen, Sr., Jackson; (225) 634-7259.

NALC Catahoula pups, born 8/25/04, leopards, glass eyes, all shots, \$150/1. B. Bergeron, Eunice; (337) 457-1909.

Great Pyrenees pups, not reg., ready now, males & females. Hubert Wilkerson, Natchitoches; (318) 356-8400.

CKC Great Pyrenees pups, born 2/9/04, only (2) females & (1) male left, great livestock dogs, great pets, parents on premises, \$250/1. Cindy Smith, Bogalusa; (985) 735-9671.

Reg. border collie pups, 7 mos., blk./wh., from working stock, (1) male, (1) female, \$150/1. Pat Boudreaux, Simmesport; (318) 941-2614.

AKC reg. collie pups, rare blue merle, also tri-colored males & females, \$250. Lester Markham, Amite; (985) 748-3925.

NALC Catahoula male, 5 mos., off of proven working stock, blk.-brindle, \$180/1 nego. Mona Williams, Denham Springs; (225) 665-8680.

CKC Jack Russell pups, short legs, w/smooth coats, all shots, \$150; Jack Russell female breeders, \$150; (1) bred, due 11/6/04, \$300; (5) male Jack Russels, no papers, \$100/1. Filton Miller, Church Point; (337) 873-6612.

Reg. border collies, born 2/16/04, all shots, well color marks, \$150. Elvin Soileau, Ville Platte; (337) 363-4094.

AKC miniature Dachshund pups, avail. now, \$300/1-up, depending on pup. Cynthia Britton, Zachary; <http://dachshundfarm.com>, cynthiabritton@yahoo.com or (225) 658-9293.

Wanted: blue heeler female pup. Terry Fox, New Iberia; (337) 364-4241.

SWINE

Feeder/weanling pigs, weanling to 200 lbs., corn fed, on concrete, \$45/1-up. J. B. Richard, Scott; (337) 269-1755.

Feeder pigs, \$35/1. Murdock Brumfield, Franklinton; (985) 839-9495 or (985) 515-3744.

Hogs, 200-260 lbs., 65¢/lb.; feeder pigs, 90¢/lb. Cindy Smith, Bogalusa; (985) 735-9671.

DOMESTIC BIRDS & EQUIPMENT

Breeders, sun conures, \$200/1; green cheeks, \$100/1; Quakers, S/S male, \$75/1 cash. M. Duckett, Metairie; (504) 887-8887.

(1) Pr. blue & gold macaw, \$1100. Jerry Duncan, Angie; (985) 848-5567.

Blue & gold macaws, \$1600/pr.; yellow-nape & yellow-crown Amazons, \$800-\$1000/pr.; breeder age cockatiels, \$15-\$20/1. Al Cormier, Rayne; (337) 873-2111.

8 Yr. hf female umbrella cockatoo & cage, laying eggs, \$400 obo; proven pr. dbl. yellow heads, \$500 obo, must sell. Anita Landrum, Ponchatoula; (985) 386-4296.

Leadbeater cockatoo, 1 1/2 yrs., tame, excel. cond., \$4000. Leanna Meaux, New Orleans; (504) 283-8105.

Proven pr. dbl. yellows, \$1200/pr. Ronald Steib, Vacherie; (225) 265-4824.

5 Yr. male blue & gold macaw, w/cage, \$900; 4 yr. female umbrella cockatoo, w/cage, \$1400; 1 1/2 yr. Timenh gray, w/cage, \$750, all prices firm. Eugene Cooley, Singer; (337) 463-4680.

(6) Wooden, boot shape nest boxes, (5) wooden grandfather nest boxes, \$10/1; (10) cockatiel nest boxes, \$5/1. E. Cenac, Houma; (985) 853-2328.

Cockatiels, hf & breeder age, grays, pieds, pearls, cinn., lutinos, albinos, wh. face & most combinations, all seamless banded, certificates included., \$30/1-up. Samantha Ivy, Morgan City; (985) 631-3498.

Lady gouldian & society finches, \$65/1 or \$120/pr. M. Alexander, Boyce; alexkeel@aol.com or (318) 793-4245.

Proven pr. cockatiels, cinn. pearl hen, normal split to pearl male, \$40. Mark Matthews, Prairieville;

(225) 622-2314.

Ringneck dove normals & wh., \$7.5-\$10/1; proven mated prs., \$20 & \$30/pr., will ship. Thomas Rowell, Crowley; (337) 783-5729.

(2) Male Congo African grays, \$500/1; (1) proven female cockatoo, \$1000; (1) female blue-front Amazon, \$350; (2) young sun conures, approx. 6 mos., unsexed, \$175; cockatiel breeders, normal males, \$20/1. Frank Culmone, Walker; (225) 791-0085.

Dbl. yellow-head Amazon prs., 7-10 yrs., proven good breeders, \$1350/pr. Choyia Hunt, Leesville; (337) 238-0084.

Finches, gouldians, diamond sparrow, shaft-tails, societies & zebra, black-face, black breasted, zebra & other mutations, \$6/1-up. Terry Perez, Cut Off; tbirds@mobiletel.com or (985) 665-3902.

Blue & gold macaw, proven male, \$700; green-wing female, 4 yrs., \$1000; dbl. yellow-head Amazon pr., \$700; Hyacinth macaw male, \$8000. Gloria Monks, Lake Charles; (337) 855-6600.

Diverse cages, feeders & waterers, \$3-\$50. Bernard Darbonne, Pollock; (318) 765-9415.

Diamond doves & gouldian finches, both have many color variations, must sell all to avid breeder, \$30/1. Wes McVay Folsom; (985) 796-1403.

Canaries, from award winning line, Gloster, \$60/1; opal, \$60/1; bronze, \$65/1; red factor, \$65/1. Carlos Ambrogio, Houma; (985) 868-3648.

Large sq. parrot cage, 2'x3'x4', \$300; (1) rd. parrot cage, 28"x62" high, \$200. Filton Miller, Church Point; (337) 873-6612.

POULTRY, FOWL & EGGS

Young guineas, \$3-\$5/1. W. Lee Wise, Saline; (318) 576-3220.

Flying mallards, \$8/1; newly hatched pharaoh & wh. quails, 35¢/1; full grown, \$1.5/1; Cornish chicks, \$2/1-up. Harry Ardoin, Ville Platte; (337) 363-7176 or (337) 360-2896.

Bantams, BB reds, chicks, 4 wks. & 8 wks., hens & roosters, \$3/1 or \$5/2. Gary Chandler, Zachary; (225) 654-8203.

Large Pharaoh quail, \$1.5-\$2/1; dressed, \$20/doz.; eggs, \$10/100; pickling eggs, \$8/100; small birds, 30¢-50¢/1. C. J. Hoffpauir, Dry Creek; (337) 328-7495.

Wh. guineas, pearl & pied, 1-4 mos., \$4-\$6/1; XXL jumbo Pharaoh & golden quail hatching eggs, \$20/100; pickled eggs, \$5/pt.; dressed, \$24/doz.; live, \$1-\$3/1. Steve Delk, Hahnville; stevedelk@cox.net or (985) 783-2404.

Wh.-face whistling ducks, \$100/pr.; Crele old English bantams, \$15/pr. Mark Matthews, Prairieville; (225) 622-2314.

2'x2'x8' Brooder, w/thermostat

for chicks & more, very nice, home made, \$100. Dickie Sherman, Crowley; (337) 788-0240 or (337) 250-0492.

2004 Hatched BB reds, Wheaton & blk., old English game bantams, \$25/pr. Hugh Junca, Franklin; (337) 923-7223.

(2) Male red-golden pheasants, \$30/1. Nelson Simoneaux, Maurepas; (225) 698-9497.

(9) Flying mallards, (6) hens, (3) drakes, \$100; (30) geese, African, Chinese, Emden & Wheaton, prs., \$35. R. Rice, Lena; (318) 793-9474.

Flying mallards, \$7.5/1, depending on amount purchased; pheasants, flight cond., ringneck & blue, \$10/1; bobwhites, \$3.5/1, all flight cond. Geraldine Janise, Church Point; (337) 684-6871.

(2) Mature black-shoulder peafowl, males, \$100/1 or will trade for mature females. Robert Foti, St. Martinville; (337) 254-6864.

Pullets, \$4.5/1; (10) or more, \$4/1; green-head mallots, \$5/1. Floyd Cook, St. Amant; (225) 675-2674 or (225) 622-6188.

Jumbo Pharaoh quails, live, \$2/1; dressed, \$28/doz.; pickled eggs, \$6/pt.; eggs, \$20/100. Shirley Franks, Lena; (318) 793-8018.

Kelso hatch, game, \$10/pr.; golden Sebright bantams, \$10/pr.; BB red roosters, \$2/1; (1) cross game rooster, \$2. Grover O'Banion, Ponchatoula; (504) 812-0019.

Mallard ducks, eggs, babies & mature flyers, 50¢-\$8/1; pickled mallard duck eggs, tasty, farm fresh, \$9. Jennifer Young, Zachary; yfarmskennels@aol.com, (225) 654-3264 or (225) 445-5012.

Wanted: 2-3 turkey hens, 1-3 yrs., within 50 miles of Many, reasonably priced, call from 6 p.m.-9 p.m. Mike Smith, Many; (318) 256-5214.

Wanted: small bantams, any color, (30) hens, (8) roosters, miniature bantams, any color. Norman Ordeneaux, Lake Arthur; (337) 774-2641.

Wanted: bantam chickens, cross, w/game or eggs to set, Lafayette area. D. J. Blanchard, St. Martinville; (337) 394-3540.

Wanted: barred rock bantam rooster, partridge rock bantam rooster, partridge Wyandotte bantam hen. Keith Neck, Baton Rouge; (225) 262-2549 or (225) 413-8734.

PIGEONS

Indian fantails, mated prs., your choice, \$20/pr.; young fantails, \$7/1. Chuck Jeansonne, Mansura; (318) 253-1722.

Common pigeons, \$5/pr. John Gillespie, Walker; (225) 270-5637.

Texas pioneer pigeons, all sizes, \$25/pr. Ronnie Hammon, Kentwood; (985) 229-8606 or (985) 229-8585.

Wanted: Mondaine pigeons, within 100 miles of Sulphur. Eugene Wing, Sulphur; (337) 528-9393.

DEER & EXOTICS

Whitetail deer, (2) does, 4 1/2 yrs., \$450/1; (4) bucks, 1 1/2 yrs., sire is 11 pt. buck, \$450/1; (1) 11 pt. buck, \$1750. Richard Reeves, Kinder; (337) 639-2602 or (337) 738-6049.

Whitetail deer, 12 pt., \$3000; (1) 9 pt., \$1000; (5) buck fawns, off 150 class, \$500/1; (1) doe fawn, off 150 class, \$450. John Coombs, Amite; (985) 748-4744.

Whitetail trophy bucks, \$1500/1; elk trophy bucks, \$2000/1; trophy Sieka, \$500/1. Herbert LeJeune, Oakdale; (337) 639-2953.

Axis, fallow, blk. buck, seimitar oryx, huge whitetails, \$400/1-up. Jeff Swank, Delhi; (318) 878-4375.

Water buffalo, cow & calf, \$1500/pr. H. LeJeune, Oakdale; (337) 639-2953.

(4) Whitetail bucks, 1 & 2 yrs., good genetics, sires were 18 & 24 pts., \$1000/1-up. Neil Carpenter, Kinder; (337) 639-4179.

AQUACULTURE & EQUIPMENT

Blue Catfish, 25¢/1; channel catfish, 20¢/1; bluegill, 20¢/1; hybrid bluegill, 25¢/1; Chinquapin, 25¢/1; bass, 50¢/1-up; koi, 50¢/1-up, del. avail. David Lowe, Minden; (318) 377-1525.

10" Relift pump, w/120' irrigation pipe, \$3500. Sonny Mitchell, Eunice; (337) 457-0423 or (337) 658-1918.

Wanted: walk-in cooler for crawfish, no floor, single phase, 6'x8' or smaller. Randy LaFleur, Alexandria; (318) 442-5263.

FARM SERVICES

Dozer work, excavator, bush hogging, free estimates, reasonable rates. Bob Fruge, Lafayette; (337) 277-0520.

Horse breaking & training, break to ride, work to wagon, barrels, roping etc. Jim or Loretta Williams; Creston; (318) 875-4210.

Horse & mule low impact logging, does not leave the mess that big machinery leaves, for those smaller jobs. Jim or Loretta Williams; Creston; (318) 875-4210.

Land clearing, dirt work, ponds, \$55/hr., minimum of 4 hrs. Wayne Ward, Saline; (318) 576-9958 or (318) 471-9273.

Will graze 100 stocker calves on winter pasture until 5/05, fee nego. Harvey Gonsoulin, New Iberia; (337) 229-9058.

SEEDS, FLOWERS & ORNAMENTALS

All sorts of flowering plants & trees, live oak, cypress super pines, 3-gal. pots, \$5/1; azaleas, crepe myrtles, camellias, mag. fasiota, bridal wreath, spider lilies, hanging baskets, etc., \$3-\$8/1. L. Cook, Husser; (985) 748-7043.

Clearing green house plants, evergreens, begonias, coleus, crotons, dracaenas, prayer plant, palms, philodendrons, ardisia, alum., nephthytis, shrimp, 25¢-\$5/1. Patsy Cook, Covington; (985) 892-7058.

Purple hyacinth bean, cassia, mimosa, loofa, passion flower, coral bean, Dutchman's pipe, Job's tears, red bud, Texas red star, loquat, morning glory bush, rattle top tree, \$1/pkg., w/SASE. E.L. Duplessis, 17641 Cline Dr., Maurepas, LA 70449; (225) 698-6307.

Red & wh. cypress vine, Guatemala purple bean vines, fancy red bush cherry, lemon/lime, yellow candlestick, bi-color 4 o'clock, dbl. wh./pink Confederate rose, \$1.5/pkg. w/SASE. Morris Collura, 3237 Louisiana Ave., Lake Charles, LA 70601; (337) 478-7075.

Daylilies, large clump, all colors & varieties, plant now for spring bloom, \$1/large clump. Carl Johnson, Iowa; (337) 582-3228.

Seeds, birdhouse & dipper gourd, cushaw green stripe, \$1.50/30 seeds. James A. Robin Sr., Opelousas; (337) 407-0188.

Pine straw, machine baled premium quality mulch, clean, \$4/bale at barn. Bruce Wallis, New Orleans; (504) 483-7775.

Wanted: please donate nursery pots, any size, to Connection for Life, non profit org. Tiffany, Baton Rouge; (225) 379-3640.

TREES & FRUITING VINES

Louisiana live oaks, 1-gal., 3'-4', \$2/1; live oak liners, 18"-24", good stock, 50¢/1. A.M. Gray, Patterson; (985) 395-5193 or (985) 518-4711.

Mayhaw trees, 11 yrs., 1-10, \$225; 10+, \$200. Dick Campbell, West Monroe; (318) 396-0415.

Fancy red bush cherry bundle, \$25/10; figs, \$5/1-up; yellow & wh. peach, \$6/1-up; red bush & 7 sisters & wh. climbing English rose, \$8/1; loquat, \$5/1-up. Morris Collura, 3237 Louisiana Ave., Lake Charles, LA 70601; (337) 478-7075.

Jelly palms (butia) \$8-\$12/1; Chinese fan palms, 3-gal., \$15/1; dwarf pomegranate, 3-gal., \$8/1; southern magnolia, 4'-5', \$12/1; Japanese plum, Celeste fig, brown turkey fig, Japanese yew, 3-gal., \$5/1. James Stelly, Eunice; (337) 457-4528.

River birch trees, 3-gal., single, \$3.25/1; dbl., \$3.5/1; triple trunk, \$3.75/1; 3-gal. live oak, \$4/1; plum loropetalum, 3-gal., \$3.75/1.

Cheryl Monk, Oakdale; (318) 335-9364.

Fig trees, 2 yrs., 2 gal, \$9.50/1; 3 yrs., 3 gal., \$12.50 at place; 10 varieties, SASE for list. Betty Robin, 4017 Hwy 357, Opelousas, LA 70570; (337) 407-0188.

Elliot, grafted pecan trees, 2 yrs., in large containers, 1" to 1 1/2" caliper, 6 ft. tall, \$45/1. James A. Robin, Opelousas; (337) 407-0188.

HAY & GRAIN

Bahia 4x5 rd. bales, fert., limed, weed free, cured w/o rain, in barn, \$25-\$30/1; (20) 4x5 bales, rained on, baled dry, outside, \$200/all. Lee Cook, Husser; (985) 848-7043.

Bahia 5x5 rd. bales, fert., cut/baled w/o rain, \$20/1, will load, (4) roll minimum. Joel Pigott, Pearl River; (985) 290-9722.

Highly fert., well cured (no rain) coastal Bermuda rd. bales, \$15/1. E. C. Roge, Sr., Natchez; (318) 352-7001.

2004 Well fert. Bahia, 4x5 rolls, \$15/1; or \$12/1 for (10) or more. Russell Boleware, Bogalusa; (985) 735-3018.

(65) 4x4 rd. bales of Alicia Bermuda hay, no rain, \$20/1. Larry Duhon, Kaplan; (337) 652-6200.

Bahia 4x5 rolls, fert. to soil test, no weeds, under barn, excel. quality horse hay, del. avail., \$35. Joe Pieri, Folsom; (985) 796-9538 or (504) 628-5361.

2004 Jiggs Bermuda 4x6 rd. bales, Jiggs, \$30/1, will deliver \$5/1. Don Bernard, Broussard; (337) 989-9675.

2004 Bahia 4x5 rd. bales, horse quality, in barn, no rain, clean, \$30/1; cow hay outside, \$20/1. Homer Dutsch, Bush; (985) 892-4041.

2004 Horse hay, short cut, weed free, Argentina Bahia, sq. bales, \$3.25/1; Bahia sq. bales, in barn, \$2.75/1; behind baler, you load, \$2-\$2.75/1; 4x5 rd. bales, in barn, \$25-\$27/1. Nelson Doolittle, Loranger; (985) 878-6111.

Bahia grass, 5x6 rd. bales, limed, fert., cured w/o rain, baled tight, \$35/1. Delos Thompson, Folsom; (985) 796-9872.

Bahia 4x5 1/2 rd. bales, fert., \$20/1, del. avail. Duane Wilson, Slaughter; (225) 683-3004 or (225) 978-5699.

2004 Bahia, fert. & cured w/o rain, sq. bales, \$3/1; rd. bales, \$20-\$30/1, delivery extra. James Casanova, Amite; (985) 748-7363 or (985) 517-0334.

2003 Alicia Bahia 4x5 rd. bales, in barn, \$30/1; cattle mixed grass, \$15/1. Brandy Cella, Bush; (985) 892-0240.

2004 Alicia/Bahia/Coastal/Tifton 44 hay, rd. bales, in field, \$18/1; off field, \$28/1; del. in N. La., \$38/1. Wayne Ward, Saline; (318) 576-9958 or (318) 471-9273.

Bahia or Rye grass, sq. bales, horse quality, no weeds, \$2.75/1. Lew Overton, Slaughter; (225) 654-0086.

Clean mixed grass, 4x5 rolls, \$15/1. Archie Dalme,

Natchitoches; (318) 352-9052.

Jiggs Bermuda, excel., in barn, sq. bales, \$3.25/1; 5x5 rd. bales, \$40/1; tarp, sq. bales, \$3/1; rd. bales, in field, good, \$25-\$35/1. Ron Peart, Alexandria; (318) 443-5009.

High protein horse hay, Sumrall 007, Bermuda, fert., sprayed for weeds, sq. bales, \$4.35/1-up, depending on quality, Greensburg area. Johnny Alford, Baton Rouge; alford1962@bellsouth.com or (225) 907-6863.

Fert. Bahia, Alicia, 4x5 rd. bales, cond., cut & cured, '04, \$20/1; '03, \$16/1. C.M. Duplechian, Jennings; (337) 824-2989.

Argentina Bahia, horse quality, 4x4 rd. bales, in field, \$18/1; in barn, \$20/1; sq. bales, in field, \$3/1; in barn, \$3.5/1. Richard Reed, Independence; (985) 878-2330.

Bahia 5x5 bales, fert., no rain, in shed, \$25/1. Loyton Courville, Sunset; (337) 662-3758.

2004 Bahia grass, 5x6 rd. bales, under plastic, \$30/1. Mike Casanova, Amite; (985) 748-5812.

TRACTORS & EQUIPMENT

Restored Ford 8N trac., runs very well w/12 volt system, \$2500. Philip Dispascal II, Marrero; (504) 341-5709.

21' Field cult., \$1200; sprinkler pipe, 2", 30' long, 90¢/ft. Mike Patanella, Independence; (985) 687-5030.

NH 268 sq. baler, field ready, good cond., \$1600. Floyd Crochet, Montegut; (985) 594-2555.

JD model 850, w/roll bar & canopy, \$850. Peter Cheek, Kaplan; (337) 643-6811.

13'6" JD disc, \$1100; 7' heavy duty bush hog, stump-jumper shredder, \$900; M & W 7' disc mower, \$1200; 5' 3 pt. shredder, \$150. Eli Landry, Jr., Washington; (337) 363-5735.

Bantam T-350 crane, GM471, good cond., damaged boom, 1000 lb. drop hammer, \$1500 obo. Larry Aleman, Slidell; (985) 960-0085.

Effer Articulating crane, 7600 lb., 37' reach, fiberglass jib, outriggers, \$4500 obo. L. Aleman, Slidell; (985) 960-0085.

Kubota excavator, KH18 parts, 6 cyl., diesel, engine, w/hyd. pump, turn table boom, new rams. A. Aleman, Slidell; (985) 960-0085.

Trailer dolly, used to pull behind trac., for lowboy trailer, sliding 5th wheel, good tires, good cond., \$1400. Bryan McDaniel, Ville Platte; (337) 461-2998.

(3) M model Farmalls, \$600/1; (1) IH model gas trac., \$800, will take, \$2000/all. Dave Schultz, Oakdale; (318) 215-0202.

JD 4020 diesel trac., very good cond., \$7000; 5' JD hay cutter, #240, like new, \$2000. L. J. Mayeaux, Moreauville; (318) 997-2417.

Onan trac. drive alternator,

\$1500. Bobby Crumpler, DeRidder; (337) 328-8231.

Ford 7710 c/a, w/loader, 87 PTO hp, 16 spd., low hrs., \$16,500; Ford 4000, w/loader, 52 PTO hp, 8 spd., \$7900; JD 310 A, w/loader, 8 spd., 1100 hrs., 43 PTO hp, \$7900. J. Guillot, Hessmer; (318) 563-4776.

350 Bu. grain cart, \$1000; 216-flex loader, JD, \$400. Carrol Lavergne, Opelousas; (337) 942-7238.

3' x 7' Drag harrow, 4" teeth on bottom, built on 3 pt. hitch, 2 3/8" pipe frame, good for arenas, round pens and dirt work, \$250. Larry Duhon, Kaplan; (337) 652-6200.

Ford 5000, good, running, dependable, new paint, rear hyd., 52 hp, new rear tires, \$7500. L. Duhon, Kaplan; (337) 652-6200.

Massey Harris Mustang trac., no motor, new 11.2-10/34 tires, \$300 obo. Paul Shelton, Hammond; (985) 345-5444.

JD 235 disc, 26', good cond., \$2500; IH 820 grain header, 22 1/2', \$1000; Woods, 7' shredder, needs neck work, \$500; Ferguson off-set PTO ditcher, \$600. Derek Dauzat, Marksville; (318) 253-5386.

NH rd. baler, model 848, excel. cond., shed kept, \$3500. Benny Ray Kinchen, Tickfaw; (985) 878-9409.

IH 140, w/all equip. planters, cult., disk, bush hog, \$4900. Gary Williams, Franklinton; (985) 848-7070.

Kawasaki 65z wheel loader, w/general purpose bucket, \$15,500. Gary Cashio, St. Amant; (225) 675-6779 or (225) 933-7583.

Fuel tank, 10'x30', (12) 15,000-gal. w/overhead stand, \$1800 nego., consider trade. Doug Winn, Bastrop; (318) 281-7271.

580 C Case backhoe, \$7500; 580 B Case dozer, 6-way blade, \$16,000; Ford backhoe & front-end loader, \$5000; EZ drum hay cutter, \$550; wood splitter, \$850. J. L. Beasley, Baker; (225) 775-4355 or (225) 775-3362.

Belarus 250 AS trac., 32 hp, 600 hrs., \$3000. Danny Doucet, Jennings; (337) 824-5566.

NH 660 rd. hay baler, endless belts, auto tie, new cond., baled only about 700 bales, barn kept, \$8500, call after 6 p.m. Varnell Johnson, DeRidder; (337) 328-7603.

3 Pt. hitch, hyd. dump, cement mixed, used 2 times, will take, \$650. Lee Cook, Husser; (985) 748-7043.

JD 5220, w/metal canopy, 80 hrs., \$15,500; spray rig, w/foam system, 300-gal., \$400; JD 5320, 4 wd, w/front-end loader, 430 hrs., \$26,500. R. E. Fage, Arnaudville; (337) 754-9959.

1-Row Super "A" trac., good cond., w/4-row, 1-row bush hog, 4-row box blade & 1-row sweet potato planter, \$2500/all; also school bus for a camp. Patrick Jeansonne, Bunkie; (318) 456-8304.

Int. 140 w/few tools, Int. 1466. Daniel LaGorde, Mansura; (318) 964-2902.

Allis Chalmers, WD 45 about 1950 tricycle type, new back tires,

runs but needs work, choppers, bush hog, also trac. manual, \$4000, write for pictures. Nolan Meche, 4315 Curtis Lane, New Iberia, LA 70560; (337) 367-2091.

Woods 550 grooming mower, 5', like new, side discharge, \$1400. Yvette, Bacque, New Iberia; (337) 229-8264.

2003 NH TB100 trac., 80 PTO hp, \$19,800; 650 NH rd. baler, \$6000; JD 336 sq. baler, \$3500. Duane Wilson, Slaughter; (225) 683-3044 or (225) 978-5699.

Vicon 8' hay cutter, \$5500; Deutz 5' hay cutter, \$500; NH side-del. hay rake, \$1000; Walton 3 pt. "V" rake, \$500; 17' fluffer, \$2800. D. Wilson, Slaughter; (225) 683-3044 or (225) 978-5699.

1945 Int. model "H", complete restoration, has 12-volt system, new paint, decals, wiring, PTO & belt pulley, ready for parade or work, \$3750. Art Schabla, Covington; (985) 898-0687.

2003 4 wd, NH diesel trac., 30 hp, front-end loader, 5' bush hog, 5' grader box, 90 hrs., excel. cond., \$14,500. Greg Chapman, New Roads; (225) 638-9644.

605 Vermeer roller, all new belts, 5x5, \$1000. Archie Dalme, Natchitoches; (318) 352-9052.

YM 2210 Yanmar trac., like new, 30 hrs., w/tools, \$4250. Dickie Sherman, Crowley; (337) 788-0240 or (337) 250-0492.

(4) Turf tires, (2) back tires 13.6-16, (2) 29x12-15 on universal rims for front, \$400/all or trade. Alice Sherman, Crowley; (337) 788-0240.

Like new FX 20 Yanmar trac., w/new front-end loader, power shift, 3 cyl., 27 hp, \$8000 nego. Dustin Sherman, Crowley; (337) 788-0240 or (337) 250-0492.

New reversible dirt scoop, 30", \$225 or trade for 4' utility rake that swivels, 3 pt. Arron Sherman, Crowley; (337) 788-0240 or (337) 250-0492.

Yanmar diesel trac., 27 hp, like new, 40 hrs., w/4' finishing mower, \$5000 or trade for zero turn lawn mower. T-Nick Sherman, Crowley; (337) 788-0240 or (337) 250-0492.

IH Farmall 140 row makers, middle buster, box blade & more, good running shape, \$3500. Billy Allen, Sr., Jackson; (225) 634-7259.

Woods 15' batwing, heavy-duty, 315 cutter, very good cond., field ready, 540 PTO R.P.M., new blades, \$1800. Brett Eversull, Boyce; (318) 793-8728.

Case 36" backhoe bucket, in good cond., \$500; forklift, heavy-duty forks & shaft for backhoe, in good cond., \$500. Michel Fox, New Iberia; (337) 369-8020.

Int. 300 trac., antique, \$800; 4' wide grader blade, 3 pt., category 2, \$185; dirt scoop, \$125; 6' bush hog, \$100. Ben Brown, Basile; (337) 432-5870.

2003 NH diesel trac., 4 wd, 30 hp front-end loader, 5' bush hog, 5' grader box, 90 hrs., excel. cond., \$14,500. Greg Chapman, New Roads; (225) 638-9644.

Holland 1-row vegetable transplanter, no water tank, fits diamond toolbar, \$350; transplanter unit,

Holland, for parts or fix up, free. Timothy Duckless, Opelousas; (337) 942-8824.

Bionic type grader blades, new, 5', \$630; 6', \$699; 7', \$819; comm. 7', \$1290. Mike Passman, Amite; (985) 748-5094.

2003 New Holland TC 35, 250 hrs., 4x4 w/loader, like new, \$14,000. David Dunn, Alexandria; (318) 201-1422.

1944 JD "B" model, completely restored, new motor, new tires, paint & decals, \$3250 obo. Willie Hurst, Greensburg; (225) 222-6564 or (225) 977-1574.

MF 1010 diesel w/4' finishing mower, new injector pump & glow plugs, like new cond., \$3300. Jamie Blades, Kentwood; (985) 229-2645.

Tires, (2) 16.9 x 30, (2) 16.9 x 28, 100% tread, \$300/1. Thomas Brashear, Iowa; (337) 582-3194.

NH 353 feed mill, grinder & mixer, 4480 lb. shell corn capacity, portable w/auger PTO driven, excel. cond., shed kept, \$4500. Darby Miller, Church Point; (318) 561-6190.

2310 Long, 28 hp, diesel, p/s, new front tires, seat, paint, runs great, \$3500 obo. Michael Minvielle, Darrow; (225) 473-1431.

Case 580 SM, ext., hoe, 510 hrs., \$36,200; Case 580 L, low hrs., \$19,995; MF 200B crawler, 6-way, \$6200 JD 224 sq. baler, \$1895; NH 275 sq. baler, \$2700; IH trac., \$2000-\$4000/1. J. R. Coldiron, Jonesville; (318) 729-3441.

JD 830 diesel, 2 p canopy, \$6800; JD1530 diesel, 2 p canopy, \$6995; JD 2520 diesel 2 p canopy, \$6800; JD 660 roller bar rake, \$800; 504 G Vermeer, elec. wrap, excel., \$4500. R. Coldiron, Jonesville; (318) 339-7876.

MM-G-1350 dual wheels, 140 hp on LPG, \$4500. John Boudreaux, Abbeville; (337) 893-6743.

Seed cleaner, \$350. Cecil Clark, Crowley; (337) 783-7903.

678 NH baler, bales 5x5 rd. bales, like new, baled less than 900 bales, \$15,000. Loyton Courville, Sunset; (337) 662-3758.

Quick hitch, in excel. cond., used on Mahindra 475 D.I., w/43 hp, \$1400. Howard Doucet, Jennings; (337) 824-3852.

Allis Chalmers 7080, 20.8x38 dual wheels, \$3800. C. Christiansen, Amite; (985) 748-7235.

15' Sidewinder bush hog, field ready, \$4600; 7' Sidewinder bush hog, tire driven, excel. shape, \$1100. Fred Lucky, Bossier City; (318) 747-1873.

JD 148 loader, complete, \$3500. Buddy Lucky, Bossier City; (318) 549-0271.

Red Farmall cub trac., w/Woods belly mower, all painted w/decals, new radiator looks & runs good, \$1800 obo. B.R. Mitcham, Madisonville; (985) 845-3251.

Komatsu D65E-6 bulldozer, engine recently rebuilt, trans. & torque, lots of U.C. C-frame angle blade, \$20,000; K-G blade, new hardly used, \$3500. Peter Tebbetts, Leesville; (337) 238-4392.

Int. 560 gas trac., 60 hp, 6' blade,

6' bush hog, hay forks, 14' set of Amco discs, \$5500. Paul Dupont, Melville; (337) 623-5894 or (337) 224-9881.

JD 435 w/2 cyl. gas motor, motor original, good tires, runs good, \$2300. Gerald Davis, Amite; (985) 748-7652.

Rubber trac, 400x70x72.5, \$1000; 5' bush hog, \$250; 1010 Walk ditch witch, \$3000; '04 Kubota, 31 hp, \$11,000; Kamatsu PC 50 excavator, \$11,000; 6'x7' harrow, \$600; 6' cultipacker, \$250; 5' grade master, \$450; (2) 5x7 land levelers, \$450/l. Lawrence Drude, Jr., Ponchatoula; (985) 386-6361 or (985) 969-2523.

Grain augers, 57'x8", on carrier, PTO driven, \$750; skid steer loader, Bob Cat, w/bucket, \$275. Ben Littlepage, Colfax; (318) 627-3715.

Heavy-duty wood splitter, \$400; NH sq. baler, \$4000; 1-row sprayer, \$400; 1-grader blade, \$50; D5 Allis Chalmers dozer, w/10' blade, \$6000. R. S. Wright, Florien; (318) 586-4267.

Holland transplanter, model 1265, w/water attachment, for plug plants on bare or plastic mulch covered ground, good cond., \$1500. Edwin Tucker, Tickfaw; (985) 345-3495.

3 Pt. hitch hay spear w/2 cyl. setup, \$500. Ronald Mayeux, Cottonport; (318) 922-3897.

Wanted: 36" bucket, for Komatsu PC 75 UU, also 24" bucket, for Kubota KX71. Alvin Joseph, Lake Charles; (337) 437-1143 or (337) 526-1102.

Wanted: diesel fuel tank, (2) MF 35 or 135 gas trac. Cecil Clark, Crowley; (337) 783-7903.

Wanted: (2) rear wheels of a combine, w/tires, 6-hole, 750:18, for MM-GB trac. Hugh Babineaux, Lake Charles; (337) 477-3412.

Wanted: PTO or gas chipper/shredder to chip branches & leaves. Dickie Sherman, Crowley; (337) 788-0240 or (337) 250-0492.

Wanted: 460 Farmall Int. gas trac., w/wide front end, for parts. Gary Dupree, Natchitoches; (318) 379-2412.

Wanted: JD MFWD 4 wd, 5205, 5210 or 5220 trac., w/front-end loader, low hrs. Bob Lemaster, Summit, MS; (601) 684-4540.

Wanted: 5540 Hesston rd. hay baler, for parts, call after 6 p.m. T.G. Turner, Pineville; (318) 640-2484.

Wanted: 15' Rhino or Bush Hog brand cutter, in excel. shape. Fred Lucky, Bossier City; (318) 747-1873.

FARM TRUCKS & RELATED PARTS

1979 Chevy C-65 truck, cab & grain-bed, 427 gas, air brakes, tandem axle, 500-bushel capacity, \$3000 obo. Michael Palermo, Lecompte; (318) 446-5091.

1978 GMC 1/2-ton pickup, 92,000 miles, \$1800. Stanley

Messer, St. Landry; (318) 838-2273.

1991 Ford F-700 diesel truck, w/6 spd. trans., winch bed, gin poles, rolling tailboard, 112,000 miles, \$8900; 50-gal. rd. saddle tank for fuel, \$35; 411 ring & pinion gear, to fit late model Chevy Z-71, \$100. Morris Pitre, Opelousas; (337) 543-7289.

1991 Dodge Ram 250, 4 wd, auto, a/c, p/s, p/brakes, special heavy-duty trailer hitch, am/fm stereo, new tires, looks good, runs like new, \$4500. Bernard Darbonne, Pollock; (318) 765-9415.

2000 Toyota, 17,000 miles, 4 cyl., auto trans., sport side, \$11,500; 1-ton Ford differential, \$180; 225 slant six engine for parts, \$100. Ben Brown, Basile; (337) 432-5870.

1987 Chevy, 24' dry box, 366 industrial gas motor, new carburetor, no oil leaks, 22.5 tires, w/4-wheel disc brakes, \$4800 obo. John Boudreaux, Carencro; (337) 501-0951 or (337) 896-5645.

2003 F-250 Ford Lariat, super duty, power stroke, turbo diesel, crew cab, 4x4 off road package, 11,300 miles, excel. cond., \$33,000. J. R. Fage, Arnaudville; (337) 754-9959.

Dodge 250, w/new 318 engine, good work truck, good body & tires, **(need price)** Buens Deshautelle, Marksville; (318) 253-9534.

1981 Ford F-150, 4 wd, V8 engine, \$1500. J. Guillot, Hessmer; (318) 563-4776.

1994 Ford-350 XLT, power stroke diesel, 7.3 turbo, dual wheels, crew cab, long bed, brake box, gooseneck hookup, custom toolboxes, 143,000 miles, \$6500. Dwayne Riche, Cottonport; (318) 964-2473.

2003 GMC Sierra, 2500, single cab, auto, towing pkg., gooseneck hookup, only 7500 miles, like new, \$16,000. Marvin Carter, Pineville; (318) 442-1717.

1996 Ford F-250 diesel, power stroke, ext. cab, 176,000 miles, \$8500. Ferall Venable, Scott; (337) 277-2422 or (337) 277-2389.

JD trail gator, utility vehicle w/cab, grill guard, dump bed, etc., \$3500. R. LaBorde, Hessmer; (318) 563-4566.

1978 Ford F-600, 6-yard dump truck, newly rebuilt, very good shape, \$2800. Danny Newman, Bogalusa; (985) 730-6622.

1990 Ford F-350 dually, ext. cab, 460 gas engine, 120,000 miles, gooseneck hitch, towing package, \$3500. Ted or Bradley Paul, Deville; (318) 466-5512.

1989 Chevrolet heavy-duty 1-ton truck, w/flat bed, \$2500. Alvin Berry, Grayson; (318) 649-5021.

1997 Merritt alum. hopper, excel. cond., tri-axle, \$18,000. Ray Gremillion, Zachary; (225) 654-0616.

(4) 2003 Chevy Silverado truck tires & rims, w/6-holes, Goodyear P245/75R16 tires, in good shape, \$500. Dickie Sherman, Crowley; (337) 788-0240 or (337) 250-0492.

1992 3/4-ton truck rear-end, like new, 373 gear ratio, came off Chevy, complete w/brake drums &

cables, \$675. Ed Durr, Jr., Amite; (985) 748-5556.

Home built ATV, good for use on farm or ranch, \$400. B. Darbonne, Pollock; (318) 765-9415.

1993 Dodge 150, 68,000 miles, gooseneck hookup, elec. brakes, \$5000. Duncan Wilson, Wilson; (225) 629-5413.

Alum. headache rack w/box for chains & clamps, \$400. Chad Mayeux, Cottonport; (318) 922-3897.

Wanted: 1956 Ford F-100 pickup, for parts. Chuck Wells, Arcadia; (318) 777-3737.

TRAILERS, WAGONS & EQUIPMENT

1984 Shelby, 2-horse trailer, bumper-pull, feed boxes, removable doors, sliding glass windows, saddle compartment & dressing area, \$1500. B. L. Harvey, Jonesboro; (318) 259-3327.

16' Hanover livestock trailer, 10,000 lb. axles, elec. brakes, \$2500. Duncan Wilson, Wilson; (225) 629-5413.

Factory feeder on wheels, single axle, 2-ton capacity, needs a little work, \$600. Lawrence Fontenot, Reeves; (337) 666-2225.

2002 Aerostar gooseneck stock trailer, 6'x20', all alum., middle partition gate, like new, \$6250. Paul Dupont, Melville; (337) 623-5894 or (337) 224-9881.

2000 Exiss 3-horse trailer, w/weekender special, all alum., like new, a/c, w/heat strip, refrigerator, hot water heater, microwave, cowboy shower, extra nice cabinets & sink, insulated & paneled, \$13,500. Ed Durr, Jr., Amite; (985) 748-5556.

(35) Cotton trailers, 8'-10' wide, 24'-40' long, for hay trailers or storing crawfish traps, good to excel. cond., del. avail., \$500-\$1450. T. L. Enright, Sr., Sicily Island; (318) 389-5395.

Metal livestock rack, slides on & off 16'x77" wide trailer, for hauling cows, horses etc., w/inside divider gate, in good cond., \$200. Nathan Johnson, Oakdale; (318) 748-8796.

1980 2-horse, in-line gooseneck trailer, w/dressing room & feed boxes, in very good cond., \$1200. Tom Jordan, Deville; (318) 442-5549.

214 JD forage wagon, \$800. Carrol Laverigne, Opelousas; (337) 942-7238.

2003 30' road clipper, fleetneck, (2) 10,000 lb. axles, 10-ply tires, CMI coupler, excel. cond., \$7000. Bill Moore, Hammond; (985) 429-9288 or (985) 969-9288.

(3) Axle alum. dump trailer, \$10,000; 53' Von trailer, \$10,000. J. L. Beasley, Baker; (225) 775-4355 or (225) 775-3362.

Large wooden wheel grain wagon, JD name on body & seat, excel. 42"x12' body, spring seat & hand brakes, \$1350; antique horsedrawn Royal hay press, \$3800.

Paula Durr, Amite; (985) 748-5556.

Sulky, very sturdy, great cond., used on trail rides, parades & birthday parties, can be used by horse, mule or pony, \$350. Tony Stein, Vacherie; (225) 265-8663.

2002 Ponderosa, 2-horse slant load, full living quarters, a/c w/heat, 15' awning, ready to go, excel. cond., \$14,000. Sharon Salvest, Franklinton; (985) 839-4460.

Rd. bale dolly, picks up & hauls 1-rd. bale, works w/come-a-long, hooks up to truck bumper hitch, \$200 obo. Chris Douget, Ville Platte; (337) 363-6763.

Super Vis-A-Vis carriage, wh. w/burgundy vinyl seats, 9-passenger, single or dbl. pull shafts, \$5295. James Hines, Lake Charles; (337) 439-2100.

Standard Vis-A-Vis carriage, wh. w/blue vinyl seats, 9-passenger, 2 sets of shafts, \$4695; blk. & green 9-passenger surrey, w/fringe on top, 2 sets of shafts, 12 volt lights & brakes, \$3895. J. Hines, Lake Charles; (337) 439-2100.

2002 Monterrey Lite, 3-horse LQ trailer, 11' s/w, a/c, w/heat, fridge, microwave, shower, commode, lots of cabinets, closets, walk-through door, drop-down windows, both sides, insulated, \$2500. Joe Lambert, Leonville; (337) 879-9008 or (225) 938-0550.

1994 2-horse trailer, in good cond., good floor, new paint, \$950 obo. Terrie Hoover, Holden; (985) 630-1000.

Camper trailer, self contained, 14', new tires, new a/c, \$1200. Elvin Soileau, Ville Platte; (337) 363-4094.

FARM & LIVESTOCK SUPPLIES

1964 Gas Lincoln welding machine, w/leads, \$1200. Kenneth Racca, Sulphur; (337) 527-9296 or (337) 494-8930.

2002 Scattrack, 1750-D steer loader, 86 hp Perkins engine, 900 hrs., \$17,000 obo. Joe Sweat, Pitkin; (318) 358-5205 or (318) 452-1949.

2 3/8" tubing, 75¢/ft.; 2 7/8" tubing, 85¢/ft.; 3 1/2", 95¢/ft.; 7" casing, \$5/ft.; 8 5/8" casing, \$6/ft. Gene Denton, Jena; (318) 992-4504.

8" Alum. irrigation, w/38" gates, \$1/ft.; 8" PVC, new, \$2/ft. G. Denton, Jena; (318) 922-4504.

2 3/8" tubing, 85¢/ft.; 2 7/8", 95¢/ft.; 3 1/2" tubing, \$1.75/ft., larger sizes also avail. Terri Brasseaux, Carencro; (337) 896-8462.

Cow feeders, 4x4, \$175/1; 4x6, \$200/1; 4x8, \$225/1; oil field pipe, 2 7/8", \$25/1; 6' plastic fence post, \$1.5/1. S. W. Gourdon, Goldonna; (318) 357-0616.

10-Ton feed tank, w/36' 6" auger, 5 hp, motor, \$500. Carrol Laverigne, Opelousas; (337) 942-7238.

New galv. panels, w/mud boots,

all include 4' bow gate, 40' rd. pen, \$682; 50' rd. pen, \$835; 60' rd. pen, \$1039. Michael Passman, Amite; (985) 748-5094.

17" Antares jumping saddle, imported from France, caramel color, like new, \$2650. Leanna Meaux, New Orleans; (504) 283-8105.

New galv. rd. pens, 40', \$650; 50', \$750; 60', \$850; 80', \$1075, all are galv. and have 6' ride-through gate; 5' x 10' panels, \$42/1. Carl Barlow, Pride; (225) 603-5610.

Galv. corral panels, 5'x10', \$42/1 or \$1000/25; 5'x12' heavy-duty, \$57/1 or \$1350/25; 140'x240' arena, w/10' gate, \$2995. Billy Barlow, Pride; (225) 603-5610.

15" Sylvester brand pleasure saddle, deep floral engraving, new 3" stirrup leathers, new saddle rigging, padded seat, roping type swells, excel. cond., w/new breast collar, bridle & blankets, \$300. Ed Durr, Jr., Amite; (985) 748-5556.

Okra cutters, small hand operated, \$90/1; large hand operated, \$130. Franklin Courvelle, Opelousas; (337) 407-0188.

Rebuilt injection pump & injectors, for Onan engine, model MDJE, excel. shape, \$150. B. Bergeron, Eunice; (337) 457-1909.

Grist mill, best offer, or trade. Fred Lucky, Bossier City; (318) 747-1873.

Lincoln 200 gas welding machine, w/Onan motor, on trailer, \$650; Craftsman 100 amp stick welder, \$100. Danny Newman, Bogalusa; (985) 730-6622.

Un-used Troxel Legacy Gold riding helmet, blk., med., \$35; Allflex handheld stock prod, \$25; English bits, \$15-\$20/1; English leather saddle bag, \$20. Debby Sharbaugh, Ethel; (225) 683-4919.

(2) Raven saddle mount tanks, 200-gal., w/rack, \$300; various parts for JD 329 cu./in. diesel engine. Clyd Laborde, Mansura; (318) 563-8688.

15" Bobby Cook barrel racing saddle, excel. cond., \$550. Ronald Ballard, Pine Grove; (225) 777-4032.

Farrowing gage, \$150; 3-gal. nursery pots, \$300/100. James Dufresne, Vacherie; (225) 265-2690.

Crimper, good shape, \$350. John Rose, Lecompte; (318) 445-9166.

(2) Gas heaters, \$25/1; (2) heavy-duty, single cyl. air compressors, \$95/1; amp., 60 watts, for accordion or violin, \$185. Ben Brown, Basile; (337) 432-5870.

2"x4"x8' studs, \$1.5/1; huge bird house, \$35; bandsaw lumber, 28¢/board ft. B. Brown, Basile; (337) 432-5870.

14" Black barrel saddle, excel. cond., w/Martha Josie bridle, breast plate & blanket, like new, \$375. Daina Fox, New Iberia; (337) 367-8303.

(20) New turnbuckles, 1 1/4", galv., heavy-duty, full extension approx 30", pin & clevis type, valued at \$50; selling for \$250 obo. Bob Oubre, Montz; (504) 559-5236.

Comm. refrigerator, (2) glass display doors, good cond., \$450. Edwin Tucker, Tickfaw; (985) 345-3495.

Broiler farm going out of business, (2) chicken houses, 40'x420', 7' sidewall, w/metal trusses, \$10/ft.; (10) 450,000 btu heaters, \$150/1; (2) irrigation pump motors, ½ hp, \$50/1 3 pt. hitch tiller, 5', \$500; (40) 48" belt drive fans, \$50/1 & much more. Hilda Kinchen, Albany; (225) 567-3995 or (985) 974-5524.

Honda 4x4, rear rack, big front basket, gun rack, Warner winch, 2000 lbs., stick stoppers, elec. start, receiver hitch, '95 model, \$3500. Vernon Lafleur, Ville Platte; (337) 363-7878 or (337) 363-4397.

Squeeze chute, large, heavy-duty, shop made, hyd. tilt, \$1750. Mark Bordelon, Moreauville; (318) 729-6418.

Regular tubing, 2", \$15/joint, 2 1/2", \$20/joint. Roy Matherne, Houma; (985) 851-7692.

525-Gal. polyolefin agri-tank, Snyder industries brand, \$300. Jay Rumfola, Port Allen; (225) 343-4117 or (225) 572-8029.

Grader blade for 4 wheeler Honda, \$150; diesel 280-gal. skid tank, \$200. Chad Mayeux, Cottonport; (318) 922-3897.

Horse walker rack, \$50. D. Fox, New Iberia; (337) 369-8020.

Quincy model 5105 air compressor, w/200-gal. horizontal tank, 3 phase, 2/5 hp motor, inner cooler, complete package, new costs, \$10,000, sell for \$3950. Dan Choquette, Marrero; (504) 328-1970.

Welding machines on trailer, \$600. Danny Newman, Bogalusa; (985) 730-6622.

3 Phase elec. motors, 20-75 hp, \$5/hp, 6"-24" pipe, \$2.5/ft & up; portable engine hoist (shop crane) w/2 spd. ram & extendable boom, \$150; 200 amp Lincoln arc welder, w/200' new leads, \$2500; assorted tools, pipe clamps, beveling machine, pipe cutters & threaders, \$25/1-up. Morris Pitre, Opelousas; (337) 543-7289.

Grain bin, setup to be moved, (2) 7000 bu., (2) 5000 bu., (1) 12,000 bu., (4) elev., (1) dump pit, 300 bu. capacity, (1) M-C 1075 cont. flow dryer, (1) phase converter, 150' cross auger, \$15,000/all. Darrel Lemoine, Plaquemine; (318) 922-3303.

Wanted: old gristmill or millstones, any size. R. Eaves, Demopolis, AL; rleaves@email.com, (334) 289-8906.

Wanted: cattle head gate, reasonably priced; PTO post hole digger, also 2" or 3" trash pump. Milburn Noel, Arnaudville; (337) 945-6015.

Wanted: child's roping saddle, within 60 miles. J. C. Allen, Vinton; (337) 589-7432.

Wanted: blue ribbon sugarcane, for seed cane. Shirley Johnson, Boyce; (318) 448-0332.

FROM THE FARM

Please include a statement along with your ad indicating how the item has been or can be used on a farm.

7' Cast-iron sugar kettles, \$1400 plus tax, w/load. William Patout, Franklin; (337) 829-9882.

Comm. grade crawfish/gumbo pot, basket & burner, 75-gal. alum.

FAIRS & FESTIVALS

Carencro Country Christmas will be held Sat., Dec. 4, 9 a.m.-4 p.m., at the Carencro Community Center, 5115 N. University. Come enjoy arts & crafts, food and a children's parade. For more information, contact Margaret Rozas, P.O. Box 222, Carencro, LA 70520, ptcarencroxmas@aol.com or (337) 896-6686.

Sawing logs, continued from page 2

logs with steel tongs. Through a series of gears and pulleys, the skidder dragged the logs to the rail line at a high rate of speed. Because of the mix of moving cables and iron tongs, and the speed of the dragging logs, the skidder was a dangerous machine to work near.

After the logs were piled near the railroad, the McGiffert loader lifted the wood onto rail cars for transport back to the sawmill.

The loader, also powered by steam, was tall enough to straddle a rail car after its wheels were lifted up. When the wheels of the gargantuan machine were lifted, the machine was supported by curved legs that allowed an empty rail car to be pushed through. Tongs on cables from a wooden boom descended from the belly of the beast and lifted the logs to place them on cars.

The crown jewel of the museum is the 1910 sawmill.

At the foot of the old mill was a pond where logs were floated and sorted. A conveyor chute sent the green logs into the mill where a six-foot blade cut the raw logs into the desired length. The logs were then cut by sawyers with eight-foot band saws into rough planks. The boards were transported down a wide conveyor rail to be sorted and trimmed.

Taves pointed out some minute details about the cut-off man's work station.

"You can see the floor is worn where he stood and where he placed his hand on the work desk," Taves said. He points to a steam radiator at the work station. "He was a decision maker so he got a radiator. Only the six most important men at the mill got radiators because they were the decision makers."

The biggest decision he would have to make was whether or not to pull the steam whistle chain alerting the millwright that there was a problem at the work station.

It's not difficult to imagine what kind of problems might have occurred after looking at the naked saw blade.

Considering the noise level of the cutting blades, the constant chugging of the steam engines and the whirring of the belt drives, accidents were part of life at the sawmill. Most of the lighting came from windows, not from overhead, electric lights which provide consistent light.

Working at the sawmill was not a cushy job.

"Their standards were much lower than ours today for occupational health," Taves said.

Taves said the museum has enough restoration work to last another 30 years.

"It will take \$3 million to restore one of the locomotives," he said.

Although funding comes from the 300 friends of the museum membership and tour admission rates, it will take a lot of money if the historic site is to ever be completely restored. Madison realizes it will be a challenge.

"But what we're doing here is preserving the significance of all the people and families who worked the sawmills of the South," Madison said.

SHOP WAGE SCALE		
	MARCH 27, 1945	AUGUST 15, 1946
In Cents Per Hour		
Foreman	.86	.895
Machinist	.81	.845
Machinist Helper	.60	.635
Blacksmith	.76	.795
Blacksmith Helper	.55	.585
Night Hostlers	.49	.525
Car Repair Man	.60	.635
Car Repair Man Helper	.49	.525
Floor Man	.49	.525

This 1946 list of sawmill machine shop worker wages is posted in the commissary building. Long Leaf songwriter Horace Whatley sang about sawmill workers "never having a dollar bill" in his hit song "Sawmill," which was sung by country star Mel Tillis.

"We're honoring the role they played in building the nation."

The Southern Forest Heritage Museum is open seven days a week from 9 a.m. to 4 p.m. with the exception of Thanksgiving and Christmas. There is an admission fee. For more information, visit www.forestheritagemuseum.org or call (318) 748-8404.

Third Quarter Rain Data					
Location	Year To Date	Norm	Location	Year To Date	Norm
Northwest			LSU-Alexandria	56.62	43.87
LSU- Bossier City	49.95	38.24	Extreme/Average	54.63	45.72
Minden	48.61	41.36	East-Central		
Mooringsport	48.95	34.71	Bogalusa	54.50	50.81
Extreme/Average	49.45	39.27	LSU Baton Rouge	55.82	48.36
North-Central			LSU-Clinton	51.89	49.01
LSU-Calhoun	52.17	41.27	LSU-Hammond	54.97	50.77
LTI-Ruston	45.49	41.27	Slidell	53.55	50.20
ULM-Monroe	48.59	43.27	Extreme/Average	53.94	50.72
Winnfield	47.34	44.47	South-West		
Extreme/Average	48.40	42.66	DeRidder	55.38	45.84
Northeast			Jennings	58.90	46.50
Lake Providence	43.09	43.98	LSU-Crowley	55.13	46.51
LSU-St. Joseph	52.42	42.72	Extreme/Average	56.47	47.27
LSU-Winnsboro	55.40	42.07	South-Central		
Tallulah	46.15	44.04	Donaldsonville	58.24	49.02
Extreme/Average	49.27	43.14	LSU-Jeanerette	53.98	49.66
West-Central			Morgan City	36.60	52.39
Leesville	62.28	43.11	Extreme/Average	49.61	50.11
LSU-Rosepine	55.13	44.22	Southeast		
Natchitoches	48.38	40.73	Galliano	49.62	53.71
Extreme/Average	55.26	41.97	Houma	56.00	52.16
Central			NO Audubon Park	48.51	51.65
Alexandria	51.81	45.03	Reserve	63.39	52.47
Brusly	57.71	49.43	Extreme/Average	54.38	51.91
Bunkie	52.39	46.30	State Averages	52.82	46.14

Notice...

This could be your last issue!

Your Market Bulletin may soon be expiring. Check your expiration date, which is printed on your mailing label on page 12. Send renewal, with current mailing label, 6-8 weeks before expiration to ensure continuous delivery of your Market Bulletin. Renewal form can be found on page 11.

Questions about circulation or lost bulletins contact the Circulation Department at (225) 922-1268.

BOO



Carnival Favorites

Chili

1 lb. hamburger (med. fat)	Black pepper
1 can diced, green chilies	Jalapeno peppers, chopped,
1 whole large onion, chopped	to taste (approx. 1 1/2 to 2)
1 (16 oz.) can whole, peeled	2 tsps. sugar
tomatoes	1 large can kidney beans
Chili powder	

Brown hamburger, drain most of the fat; add onions, green chilies and jalapenos. When onions are cooked, add kidney beans, including juice. Add "squashed" tomatoes. Add pepper, chili powder (2-3 teaspoons), sugar (1 envelope of sugar substitute may be used). Simmer 30 minutes uncovered. Garnish with shredded cheese and raw onions, if desired serve with crackers.

Chili Cheese Crisp

2 flour tortillas, 10"-12"	1 cup shredded cheddar cheese
1 tbsp. margarine, softened	1 can chopped green chilies
1 cup shredded Monterey	Taco sauce
Jack cheese	

Preheat oven to broil. Brush tortillas with margarine and place on well-greased baking sheet. Brown lightly in broiler. Remove and top with cheeses and green chilies. Broil to melt cheese. To serve: Tear apart or cut into wedges with scissors or sharp knife. Top with taco sauce. Makes 6 servings. Variation: Can top with sliced olives and mushrooms before or after baking; top with lettuce and diced tomatoes. Then taco sauce.

Chili Cheese Bars

1 egg	2 cups shredded cheddar
1 cup flour	cheese
3/4 cup oleo, softened	1 can green chili peppers,
1/2 cup cornmeal	drained and chopped
1/2 tsp. salt	2 tbsps. onion, chopped
1/4 tsp. chili powder	

Mix egg, flour, oleo, cornmeal, salt and chili powder together. Press into an ungreased pan (jelly roll pan). Bake until firm, about 25 minutes in a 350 degree oven. Mix remaining ingredients, spread over baked layer. Bake until cheese is melted, about 20 minutes. Cool, cut into bars. Yield: 36 bars

Sweet Corn (Roasted in the Husk)

Use amount of sweet corn as desired. Gently pull back the husks, as you would peel a banana and remove the silks from each ear. Replace the husks and tie them in place with a strip of husk, heavy cord, or thin wire. Soak the corn in cold water up to 1 hour. Place the corn on the grill over hot, glowing coals. Turn the corn often, until the husks are steaming, about 10 to 15 minutes. Then remove the husks and serve with butter and seasonings. When cooking the corn on metal grill surface, allow 20 to 25 minutes and rotate the corn frequently. Final cooking time will depend on how hot the coals are and the distance of the grill surface from the coals.

Quick, Easy Corn Dogs

1 package Jiffy Corn Muffin mix
1 package hot dogs

Mix corn muffin mix following directions on box. Roll hot dogs in batter. Deep fry.

Cotton Candy Cake

1 step angel food cake mix
3 ounce package Jello, any flavor

Mix cake mix and Jello together. Then follow mix directions. Bake as usual. To cut, use knife dipped in water.

Funnel Cakes

2 eggs, beaten	1/2 tsp. baking powder
2 cups milk	3 cups flour
1/2 tsp. vanilla	2 cups oil
1/4 tsp. salt	Powdered sugar

Beat eggs, vanilla and milk in bowl. Stir in dry ingredients, mix until smooth. Beat until light. Pour into stoppered funnel. Swirl batter in circular motion into hot oil in skillet. Fry for 1/2 to 1 minute on each side until golden. Drain on paper towels. Sift powdered sugar over top. Yield: 10 servings

Coming Your Way

The Silver Spur Rodeo Club will host shows Nov. 27 and Dec. 11 at the Grand Casino Coushatta in Kinder.

All shows will be held in the climate-controlled pavilion.

Events include barrels, poles, stakes, roping, goat tying, ground roping, breakaway, mugging, tie down and team roping.

For more information, contact Neil Foster at (337) 598-2380 or Ellen Guilbeaux (337) 855-7529.

Southern Forest Heritage Museum presents Machine Shop Day and an antique tractor and engine show Oct. 30 in Long Leaf, 20 miles south of Alexandria.

Live demonstrations of a 1920s overhead flat belt-driven machine

shop and blacksmith forge, including lathes, drill presses, bolt threaders and planers.

Events include tractor pulls and antique engine displays sponsored by the Louisiana Two Cylinder Tractor and Engine Club.

For more information, contact the Southern Forest Heritage Museum at (318) 748-8404 or www.forestheritagemuseum.org.

Calcasieu Horseman's Club will host open horse shows at 8 a.m. Oct. 30 and Nov. 6 at Burton Coliseum in Lake Charles.

Participants will be able to take part in more than 40 judged events and nine speed events. Year-end awards will be presented.

For more information, contact

Marie Hankie at (337) 477-6997.

Silver Spur Riders Club will host an open horse show beginning at 8 a.m. Nov. 7 at Burton Coliseum in Lake Charles.

Classes will include halter, English, Western, judged and speed.

For more information, contact Renee Jordan at (337) 855-3279 or Bonny Vincent at (337) 598-2498.

Deep South Stock Horse Show Association is hosting an open horse show with western judged and timed events Oct. 30 at the Shady Park Arena on Greenwell Springs Road in Baton Rouge.

Halter events start at 9 a.m. Categories include youth, senior and novice in showmanship, poles,

barrels and other contests.

For more information, contact Jenny Redhead at (225) 978-2447 or Hearttrain@aol.com.

Old Union Grove Arena will host a trail riding clinic and ride beginning at 9 a.m. Nov. 6 at the Sandy Hollow Wildlife Management Area in Wilmer.

The last horse show of the season will be held Oct. 30 with judged events beginning at 9 a.m. and timed events at 1 p.m.

The arena is sponsoring three barrel races scheduled for Nov. 12, Nov. 19 and Dec. 3. The races are 4-D format buckle series.

Exhibitions begin at 6 p.m. and races begin at 8 p.m. The entry fee is \$20.

A playday is scheduled for Nov. 20 at 10 a.m. with events in the pee-wee, junior and senior divisions.

A tack sale and garage sale will be held in conjunction with the playday.

For more information, contact Duncan McLindon at (985) 892-2686.

The Horseman Association of Southwest Louisiana has team calf sorting events every Saturday starting at 5 p.m. with practice runs for children at the Dairy Festival Barn in Abbeville.

Adult registration begins at 6 p.m.

All skill levels are welcome.

For more information, contact Valerie at (337) 212-0544.

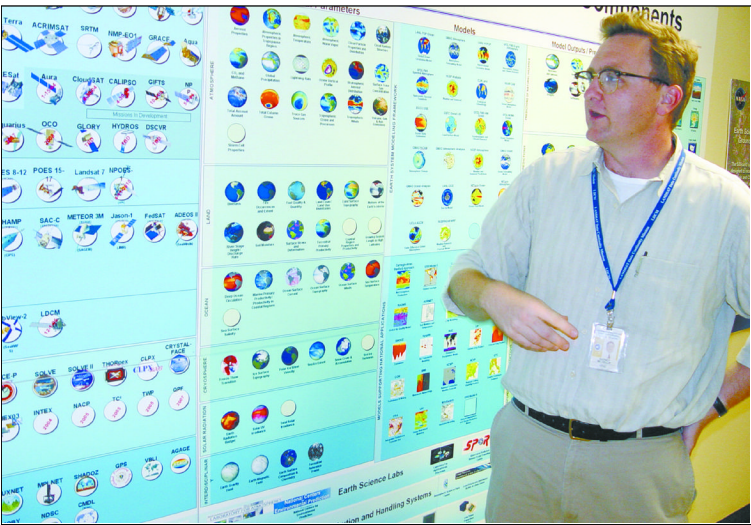
Satellite farming, continued from page 12

Insects: With cotton as an example, McKellip used the lygus plant bug in cotton which often infests the most vigorous part of the cotton field, the cotton that is growing the most rapidly and the best.

“That’s where the infestations were started. So we developed some products that did not detect the insect, per se, that is extremely hard to do. This is a predictive tool where you use the information about the vegetation in the field about where the lygus plant bug would infest first and use that to drive where you spray,” he said. “This has given us effective insect control for that particular type of insect while using 30 to 35 percent less insecticide.”

Water from irrigation: This may be the toughest problem to resolve with digital sensing imagery. To determine water needs the farmer requires data much more frequently than information is needed for weed and insect applications.

“For irrigation management there are much greater data demands. For vegetative health it is acceptable to have data every five to 10 days. For



McKellip discusses the dozens of satellites available to NASA for its research work. Three satellites are used by the research team to collect agricultural information.

irrigation management the time delay is much shorter between each acquisition.

“The ongoing research suggests that the thermal signature of a crop or a plant, that is, the amount of heat radiating from that plant, is indicative of the water stress the plant is undergoing. This area is not

mature enough for precise designations. It hasn’t been tested sufficiently for enough confidence to offer this as a robust service to providers. It will come eventually but technologically it is not quite mature enough yet,” McKellip said.

For more information, see www.esa.ssc.nasa.gov/apps.aspx.

Sodium cyanide recovered in North Dakota

Following the recovery of a container of deadly sodium cyanide, authorities are continuing their investigation into the shipment and probable illegal use of the chemical in North Dakota.

“Finding that barrel was obviously the number one priority,” said Agriculture Commissioner Roger Johnson. “Now that it is in safe hands, it is time to find out how and why it got here in the first place.”

The 110-pound container of Cyanobrik was found late Oct. 13, deep in some cattails in a ditch along N.D. Highway 1, three miles south of Broomfield. It had been reported missing Sept. 30, when it fell off a truck. Two other drums that had fallen off the truck had been found earlier.

Agencies involved included the Devils Lakes Fire Department and

Rural Fire Department, Ramsey County Emergency Management, the Nelson County Sheriff’s Office, Lakota Fire Department, North Dakota State Health Department, the State Department of Emergency Management, the North Dakota Department of Transportation, the Highway Patrol, the State Crime Laboratory and the Bureau of Criminal Investigation, as well as Ramsay County authorities. The case initially drew the attention of the U.S. Department of Homeland Security and the FBI, but after it was learned that the chemical was intended for beekeeping, it became an agricultural regulatory matter and NDDA took the lead role.

Johnson said that some North Dakota beekeepers have apparently been using sodium cyanide to fumi-

gate their hives before transporting them to other states.

“Such use has long been illegal and must stop,” Johnson said. “We intend to find out how and where the chemical was obtained and who has been using it. We will then take the proper administrative action at the conclusion of our investigation, which will likely take months to complete.”

Since the incident was first reported, NDDA investigators have located 18 containers of sodium cyanide at five locations in North Dakota. All have been tagged with stop-sale orders.

Sodium cyanide is used in extracting precious metals, case-hardening steel and electroplating. It has no registered agricultural use.

Johnson said that there is no evidence that honey is not safe to eat.

Do you have friends or family serving in Iraq or Afghanistan?

As part of our annual Christmas edition, the Market Bulletin would like to publish a list of those serving in Iraq or Afghanistan.

Please send us the names and hometowns of your friends and family who are helping to protect freedom and democracy. The deadline for submissions is Nov. 18, 2004. The list will be published in our Dec. 9 issue.

Send the names by mail to P.O. Box 3534, Baton Rouge, LA 70821-3534, by email to marketbulletin@ldaf.state.la.us, or by fax to (225) 922-1253.

Looking for Louisiana Christmas Tree Growers

Each year the Market Bulletin publishes a list of Louisiana choose-and-cut Christmas tree farms in the late November issue. If you would like to be included in the list, please send your farm's name, address, phone number, brief driving directions (i.e. On La. 1, 2 miles north of Hwy. 190) and hours of operation, to P.O. Box 3534, Baton Rouge, LA 70821-3534 or fax (225) 922-1253. The deadline is Nov. 4, 2004.

In order to be included in the list, the information must be for a Louisiana Christmas tree farm. We will not include any "tree lots" selling trees from out of state.

Hay For Sale?

If you have hay for sale and would like to be listed in the **Market News Hay Directory**, complete the information on the form below and return no later than Nov. 5 to Market News, Attention: Marilyn Mayeux, P.O. Box 3334, Baton Rouge, LA 70821-3334.

Name: _____

Complete Address: _____

City, State, Zip: _____

Parish: _____

Telephone: home () _____ work () _____

Bale type (check one or both) round _____ square _____

Hay condition: excellent _____ good _____ fair _____ poor _____

Comments: _____

Mel Tillis,

continued from page 2

his biggest success came when the song charted in the top five in the early 1970s.

Webb Pierce also had a top five country hit with “Sawmill” in 1963

and it was covered by the Grateful Dead in concerts in 1970.

“Sawmill” is available on “Mel Tillis’ Greatest Hits” on the Curb record label.

SATELLITE FARMING



U.S. agriculture's preeminence around the globe largely has been the result of university research, but now, moving the bar even higher, NASA has gotten into the act.

Orbiting the earth far overhead, the National Aeronautics and Space Administration at Stennis Space Center is using satellites to tell a farmer when his plants are under stress, when insects are invading, where weeds are located, the yield quality, whether plant growth regulators are needed and other factors.

Located between Slidell and Picayune, Miss., Stennis Space Center is at the forefront of agriculture research with its program, Ag 2020, a federal initiative with satellites and aircraft taking digital photographs of crop fields in 12 states.

The program looks at citrus in Florida and apples in Washington, soybeans and cotton in Louisiana and Mississippi, wheat in the Midwest and cotton in California.

The goal for the remote sensing program back in the late 1990s was to build a commercial industry around satellite and airborne remote sensing technology.

"The agricultural sector was one of the greatest potential untapped demand sources for remote sensing imagery because their problem is inherently spatial and temporal.

They need to know about large areas of land and they need the information at very specific times of the year," said Rodney McKellip, project manager at NASA's Earth Science Applications Directorate at Stennis.

The science stems from the premise that the human eye sees green in a field just fine, but there are colors near green in the color spectrum that the eye can't see, but a digital camera can.

"What we are doing is a preemptive diagnosis. The camera can diagnose specific problems before you and I would be able to detect any difference," McKellip said.

"The nearest red portion of the spectrum that is just beyond the visible part of the spectrum that our eyes are sensitive to is incredibly important and incredibly

rich in terms of information that it can provide to the trained analyst.

"Vegetation is highly reflective in the near infrared portion of the spectrum and the level of reflectivity, how bright it is, is indicative of the health of the crop.

"Where you and I might look at two fields side by side and they both look green, in the near infrared portion of the spectrum, just beyond what our eyes can see, you might see dramatic differences between those two fields," he said.

The Ag 2020 program is nearing its end for the NASA researchers. McKellip said, "It was designed to have a five-year life span. In that time we would be able to develop, test, and deploy in the operational environment this product for growers to become customers of."

NASA is not the purveyor of the photographs and analysis to farmers. It has developed the method and verifies the results. The system is then licensed to private companies to take to farmers.

"Once our information has been tested and validated in a production environment, the service company that we work with in partnership takes the product with NASA validation, the Good Housekeeping seal of Approval, if you will, and offers that product to growers," McKellip said.

What is vital for researchers and users alike is to ensure that the range of costs to the farmer are well worth the range of benefits he can expect when using remote sensing imagery.

"It does us no good to develop a \$10 solution to a \$2 problem," McKellip said.

Although the glitzy side of collect-

ing digital crop imagery is from satellites, aircraft will work too, but the capabilities of the two methods are quite different.

While there are hundreds of satellites flying around the earth, only three are currently collecting agricultural data, said Keith Morris, manager of commercial remote sensing on the Ag 2020 project.

The differences between the two are obvious: satellites are in fixed orbits a hundred miles above the earth and may pass over a given farmer's field one to five times a month. If clouds are present you get no usable imagery from a satellite flyover. "An airborne platform (airplane) can fly essentially at any time when the weather is right and in any direction," McKellip said.

With an aircraft flying at 6,000 to 8,000 feet, you get an image about two kilometers square which means multiple images and a lengthy processing time for a large area of crops. With a satellite image, you can take images 185 kilometers square.

But aircraft can turn around images in 24 to 48 hours for much quicker analysis of problems in the field. Satellite imagery can take from three days to two weeks, Morris said.

Either way, how can the farmer react to what the digital photo sees?

The photo is not diagnostic, that is, it won't tell what the precise weed in the field is, rather the photo reveals symptoms, both McKellip and Morris emphasize. "What we see is relative differences in colors," Morris said.

Three of the major issues for farmers are weeds, insects and water. How can remote sensing imagery help in each of these areas?

W e e d s : Instead of spraying an entire field with a uniform

amount of herbicide for weeds, remote sensing provides a computer readout based on the infrared spectrum, which gives a difference in the types of green seen in a field.

"We see the differing shades of red that distinguish a broad leaf from a narrow leaf, that is, a soybean from a grass," Morris said.

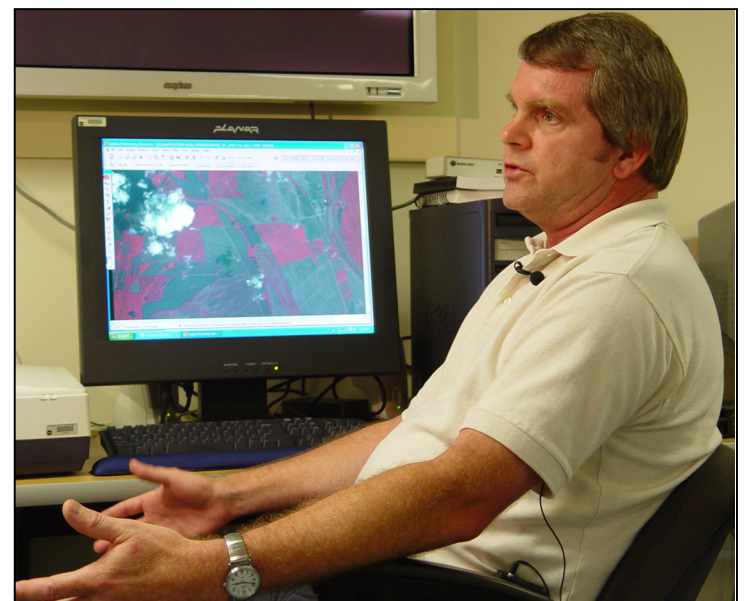
"You get a prescription that's derived from an image," McKellip said, "then load that prescription in to the guidance system of a tractor that's equipped with variable rate valves. You spray only where you have need for that input. We've seen results in savings on input from 30 percent to 40 percent when you apply a remote sensing based approach to input applications versus a standard approach which is just spraying the whole field with one rate."

Such a method not only reduces costs but also reduces environmental impact from an excess of chemicals, he said.

See Satellite farming, page 10



Rodney McKellip



Keith Morris

